



X-RT0

1/10TH SCALE | ELECTRIC | 4WD | MOTOR-ON-AXLE | COMPETITION ROCK CRAWLER



 **axial**®



CAUTIONS



To prevent serious personal injury and/or property damage, operate all remotely controlled models in a responsible manner as outlined herein.

CHOOSE THE RIGHT PLACE TO OPERATE YOUR R/C MODEL.

- Do not run on public streets or highways. This could cause serious accidents, personal injuries, and/or property damage.
- Never run R/C models near people or animals.
- To avoid injury, do not run in confined spaces.
- Do not run where loud noises can disturb others, such as hospitals and residential areas.
- Never run indoors. There is a high risk of fire and/or damage.

INSPECT YOUR MODEL BEFORE OPERATION.

- Make sure that all screws and nuts are properly tightened. It is also a good idea to use removable thread lock wherever metal screws go into metal, especially for engine mounts and the engine pilot shaft.
- Always use fresh batteries for your transmitter and for your receiver to avoid losing control of the model.
- Always test the brakes and throttle before starting your engine to avoid losing control of the model.
- Make sure no one else is using the same radio frequency as you are using.

AFTER OPERATION OF YOUR R/C MODEL

- Turn off receiver first, then turn off transmitter, this will prevent runaways.
- Be careful when handling batteries, they will be hot after running.
- Replace any batteries that have been dented or have frayed wires, short circuits can cause fire.
- Be sure to keep your R/C model clean and free of excess dirt and grease, this will increase the life.

VORSICHT!



Um Verletzungen an Personen und/oder Sachschäden zu vermeiden, sollten alle ferngesteuerten Modelle sorgfältig und verantwortungsbewusst bedient werden, wie nachfolgend beschrieben.

Wählen Sie den richtigen Platz zum Fahren

- Fahren Sie niemals auf öffentlichen Straßen. Dies könnte Verkehrsunfälle, Personen schädigen oder Sachschäden verursachen.
- Fahren Sie niemals in der Nähe von anderen Personen oder Tieren.
- Fahren Sie niemals auf belebten Straßen.
- Fahren Sie nie in der Nähe von Wohnhäusern oder Krankenhäusern. Der Lärm könnte andere Personen stören.
- Fahren Sie niemals in Innenräumen. Dort könnte etwas beschädigt werden.

Überprüfen Sie Ihr Modell, bevor Sie es in Betrieb nehmen.

- Gehen Sie sicher, dass alle Schrauben und Muttern festgezogen sind. Verwenden Sie überall dort Schrauben-Sicherungslack, wo Metallschrauben in ein Metallgewinde greifen, besonders bei den Motorhaltern.
- Um Störungen zu vermeiden, benutzen Sie immer voll geladene Akkus in Ihrem Sender und Empfänger.
- Bevor Sie den Motor starten, sollten Sie immer die Funktion der Bremse und des Gashebels testen.
- Gehen Sie sicher, dass niemand mit der gleichen Frequenz fährt wie Sie.

Nach Betrieb des RC Modells:

- Zuerst den Empfänger abdrehen, dann den Sender abdrehen um unkontrolliertes Durchgehen zu vermeiden.
- Seien Sie vorsichtig mit gebrauchten Akkus, sie können nach dem Gebrauch heiß sein.
- Ersetzen Sie Akkus/Batterien die beschädigt sind oder schadhafte Kabel aufweisen, sie können Kurzschlüsse oder Feuer verursachen.
- Halten Sie Ihr Fahrzeug sauber und entfernen Sie Schmutz und Schmierfett, damit erhöhen Sie die Lebensdauer Ihres Modells.

PRECAUTIONS



Afin d'éviter toutes blessures corporelles et/ou dommages environnants, veuillez procéder en toute responsabilité comme indiqué ci-dessous

Choisir le lieu adéquat pour faire rouler votre modèle.

- Ne jamais rouler dans les rues ou sur les routes ouvertes au public. Ceci peut provoquer de graves accidents.
- Ne jamais rouler près de personnes ou d'animaux.
- Pour éviter les blessures, ne pas rouler dans des espaces confinés.
- Ne jamais rouler où le bruit peut déranger, comme aux abords des hôpitaux ou des quartiers résidentiels.
- Ne jamais rouler à l'intérieur: les gaz d'échappement sont nocifs.

Contrôler votre modèle avant chaque utilisation.

- Vérifier que les vis et les écrous sont bien serrés. Il est très fortement conseillé d'utiliser du frein filet pour bloquer les vis qui sont en contact avec du métal et tout particulièrement les vis du moteur.
- Toujours utiliser des batteries bien chargées pour l'émission et la réception.
- Toujours vérifier les freins et la commande des gaz avant de démarrer.
- Vérifier qu'aucune autre personne n'utilise votre fréquence radio.

Après l'Opération De Votre Modèle de R/C

- Le virage du récepteur premier, alors virage de l'émetteur, ceci empêchera des fugitifs.
- Faire attention en contrôlant des piles, ils auront chaud après avoir couru.
- Remplacer n'importe quelles piles qui ont été cabossées ou a éraillé des fils, les court-circuits peuvent causer le feu.
- Être sûr de garder votre modèle de R/C nettoie et libère de terre et la graisse supplémentaires, ceci augmentera la vie.

Equipment needed / Benötigtes Zubehör / Equipement nécessaire

Radio Gear / Fernsteueranlage / Equipement Radio

Radio control system

You will need a 2-Channel radio system with one servo, receiver, an electronic speed control with an ON/OFF switch.

Fernsteueranlage

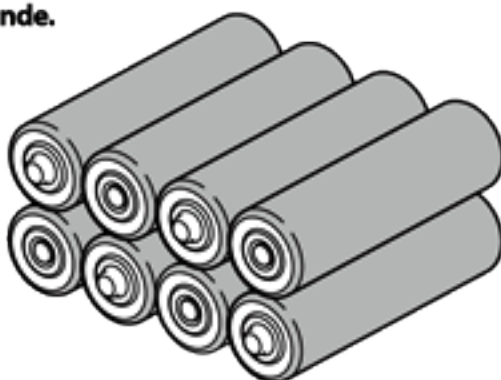
Sie werden ein 2-kanal Radio System mit einem Servo, Empfänger, eine elektronische Geschwindigkeitssteuerung mit einem Netzschalter brauchen.

Ensemble radiocommande

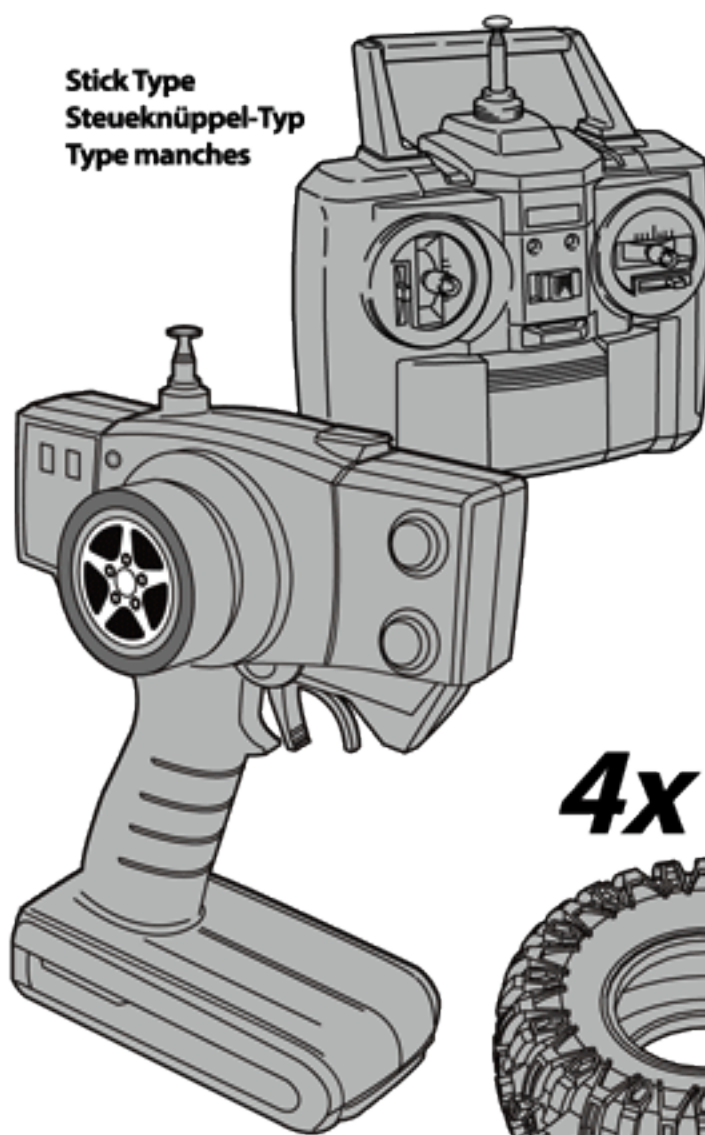
Vous aurez besoin d'un système de radio de 2 Chaines avec un servo, le récepteur, un contrôleur de vitesse électronique avec un interrupteur (on-off).

- 8AA Alkaline Dry Batteries.
- 8 St. AA Trockenbatterien.
- 8 piles type R6 pour votre radio commande.

8x

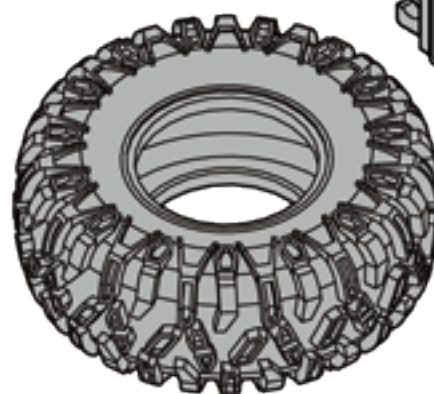


Stick Type
Steuerknüppel-Typ
Type manches



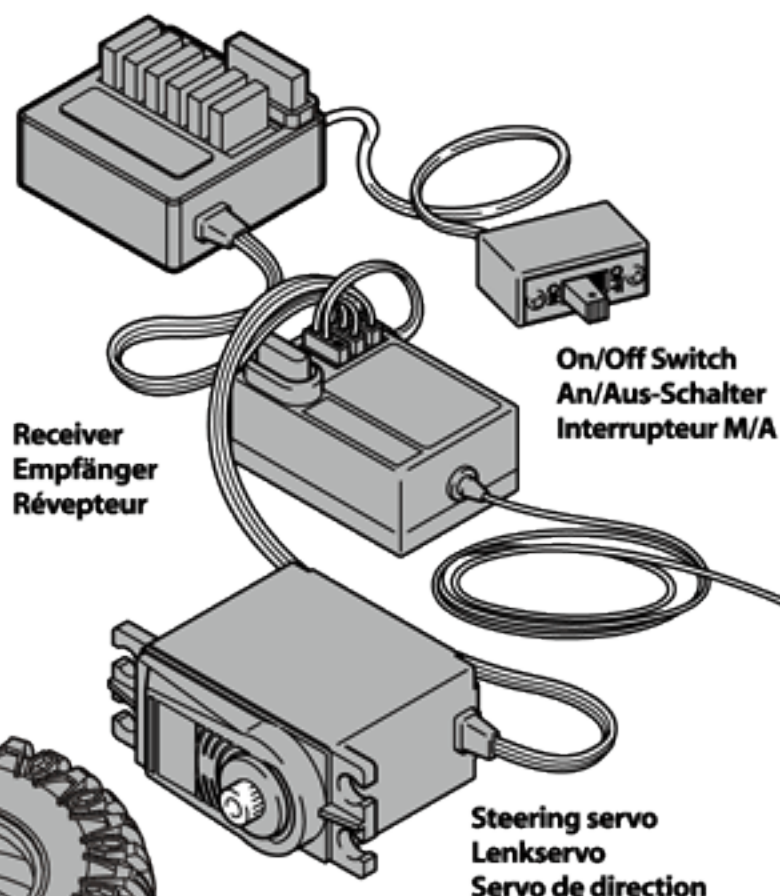
Wheel & Trigger Type
Pistolen-Griff Typ
Type Volant et gachette

4x



Tires
Reifen
Pneus

Electronics Speed Control with Dual Motor Capabilities
Electronics Speed Control
Elektronischer Fahrtenregler
Contrôleur de Vitesse électronique



Receiver
Empfänger
Récepteur

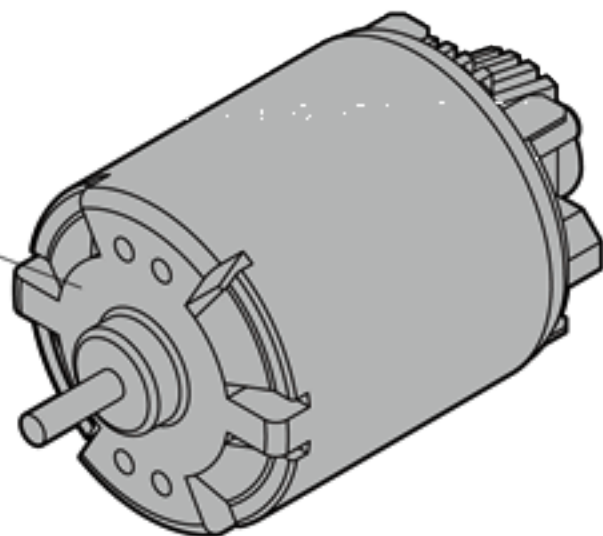
On/Off Switch
An/Aus-Schalter
Interrupteur M/A

Steering servo
Lenkservo
Servo de direction

Motor / Motoren / Moteur

540 Size

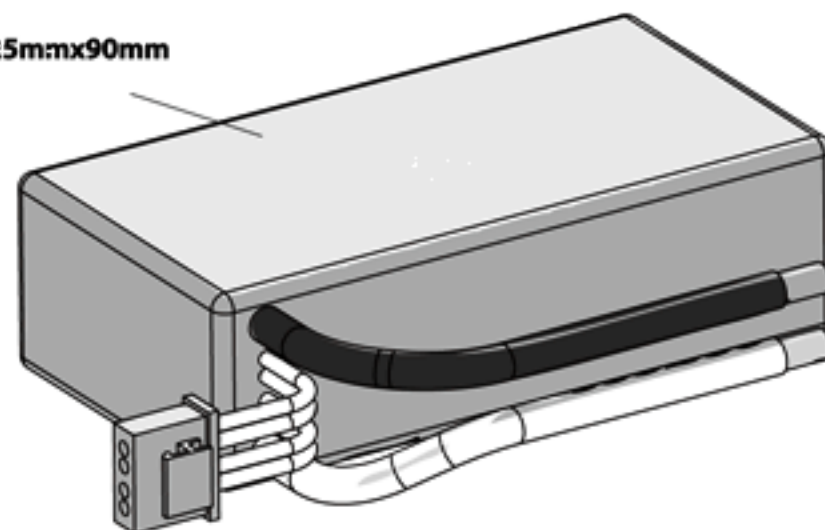
2x



Battery / Akku / Batterie

Battery / Akku / Batterie

Battery :
Maximum size 30mmx25mmx90mm



Tools Recommended / Benötigte Werkzeuge / Outillage



Hex wrench

AX20015



AX2



AX2



Socket driver



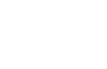
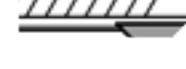
Small screwdriver



Small screwdriver




Side cutters
Zange



Model
Modell


Life
Lebensdauer






AX30218
Spring 14x70mm 2.07 lbs/in - Super Soft

AX30218
Spring 14x70mm 2.07 lbs/in - Super Soft




AX30555
36T-48P Idler Gear


AX30556
12T-48P Trans Gear




AX30562A
XR10 Chassis Plate 1




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30218
Spring 14x70mm 2.07 lbs/in - Super Soft




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30163
Pin 2x10mm




AX30555
36T-48P Idler Gear




AX30556
12T-48P Trans Gear




AX30555
36T-48P Idler Gear




AX30560
XR10 Steering Plate




AX30450
Flange Pipe 3x4.5x5.5




AX30561
XR10 Chassis Shock Mounts




AX30714
Brazed Aluminum Pipe 7x73mm




AX30720
Threaded aluminum Pipe 7x94mm




AX30568
XR10 Steering Arm




AX30759
Straight Axle Shaft Rear 117mm




AX30759
Straight Axle Shaft Rear 117mm




AX30195
6x49mm Gear Shaft



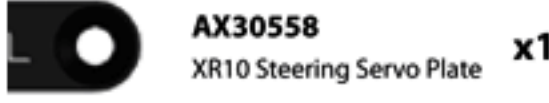
AX30195
6x49mm Gear Shaft




AX30195
6x49mm Gear Shaft




AX30195
6x49mm Gear Shaft




AX30558
XR10 Steering Servo Plate




AX30559
XR10 Rear Axle Plate




AX30559
XR10 Rear Axle Plate




AX30559
XR10 Rear Axle Plate




AX30563
Universal Axle Shafts




AX30563
Universal Axle Shafts




AX30563
Universal Axle Shafts




AX30563
Universal Axle Shafts




AX30563
Universal Axle Shafts



AX30563
Universal Axle Shafts



AX30563
Universal Axle Shafts



AXA1041
M2.5 Nylon Lock Nut **x4**



AXA1045
M4 Nylon Lock Nut **x4**



AXA1052
M3 Thin Nylon Locking Hex Nut **x12**



AXA1053
M3 Nylon Locking Hex Nut **x28**



AXA1040
M3 Thin Hex Nut **x4**



AXA1059
6mm Body Clips **x3**



AXA1069
Washer 2.7x6.7x0.5mm **x8**



AXA1070
Washer 3x6x0.5 mm **x4**



AXA1105
Cone Washer 3x7x2mm **x1**



AXA1184
O-Ring 7.5x1.5mm **x4**



AXA1202
O-Ring 3.5x2mm **x8**



AXA1213
Bearing 5x8x2.5mm **x8**



AXA1214
Flanged Bearing 5x8x2.5mm **x6**



AXA1218
Bearing 5x10x4mm **x2**



AXA1221
Bearing 5x11x4mm **x4**



AXA1230
Bearing 10x15x4mm **x2**



AXA1243
Bearing 15x21x4mm **x4**




AXA1331
Flanged Ball 3x5.8x7mm **x26**



AXA1356
Silicone Shock Bushing 7.5x8mm **x4**



AXA1391
E4 e-clip **x4**



AXA1418
6x6x3mm Spacer **x3**



AXA1424
7x35mm Post **x1**



AXA1426
7x45mm Post **x1**



AXA1633
M3x25 Turnbuckle **x2**



AXA1638
M3x50 Turnbuckle **x1**



AXA180
M3x3mm Set Screw **x6**



AXA176
Screw Shaft M3x2.5x13mm **x3**



AXA186
M3x16mm Set Screw **x18**



AXA187
M3x20mm Set Screw **x2**



AXA084
M3x8mm Cap Head **x4**



AXA087
M3x16mm Cap Head **x4**



AXA094
M3x45mm Cap Head **x1**



AXA115
M3x10mm Hex Socket Button Head **x10**



AXA117
M3x15mm Hex Socket Button Head **x16**



AXA118
M3x18mm Hex Socket Button Head **x16**




AXA119
M3x20mm Hex Socket Button Head **x2**




AXA121
M3x30mm Hex Socket Button Head **x2**




AXA144
M3x8mm Hex Socket Flat Head **x1**




AXA147
M3x16mm Hex Socket Flat Head **x3**



AXA148
M3x18mm Hex Socket Flat Head **x4**



AXA149
M3x20mm Hex Socket Flat Head **x6**



AXA151
M3x30mm Hex Socket Flat Head **x2**



AXA433
M3x6mm Hex Socket Tapping Button Head **x4**



AXA434
M3x8mm Hex Socket Tapping Button Head **x9**



AXA435
M3x10mm Hex Socket Tapping Button Head **x6**



AXA437
M3x15mm Hex Socket Tapping Button Head **x5**



AXA412
M2.6x6mm Hex Socket Tapping Flat Head **x4**



AXA414
M2.6x10mm Hex Socket Tapping Flat Head **x2**



AXA418
M2.6x25mm Hex Socket Tapping Flat Head **x24**



AXA464
M3x8mm Hex Socket Tapping Flat Head **x10**



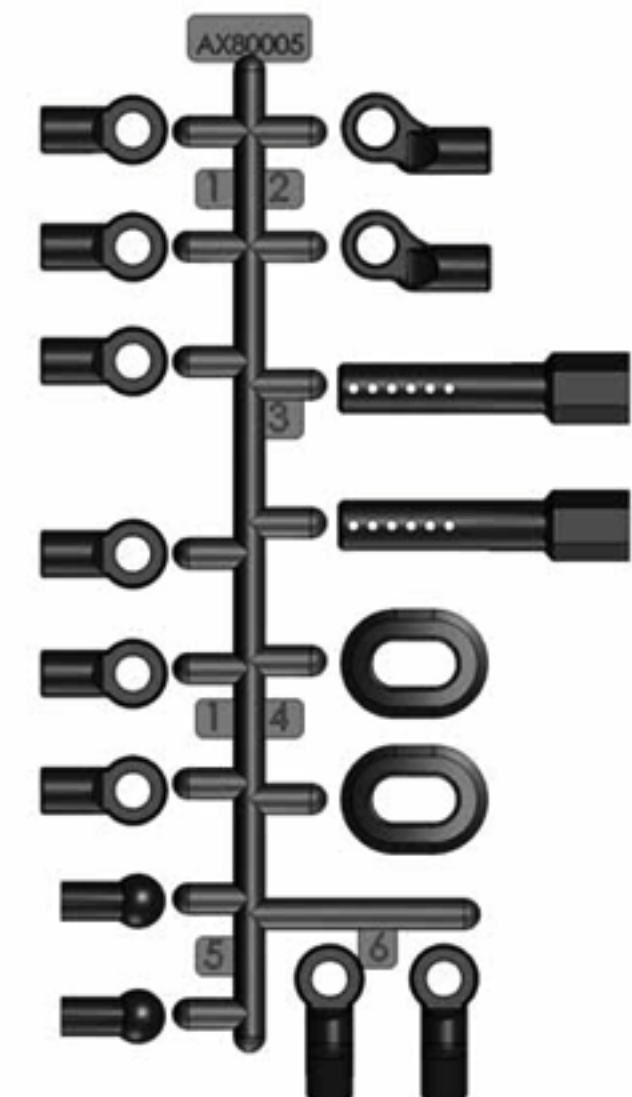
AXA465
M3x10mm Hex Socket Tapping Flat Head **x7**



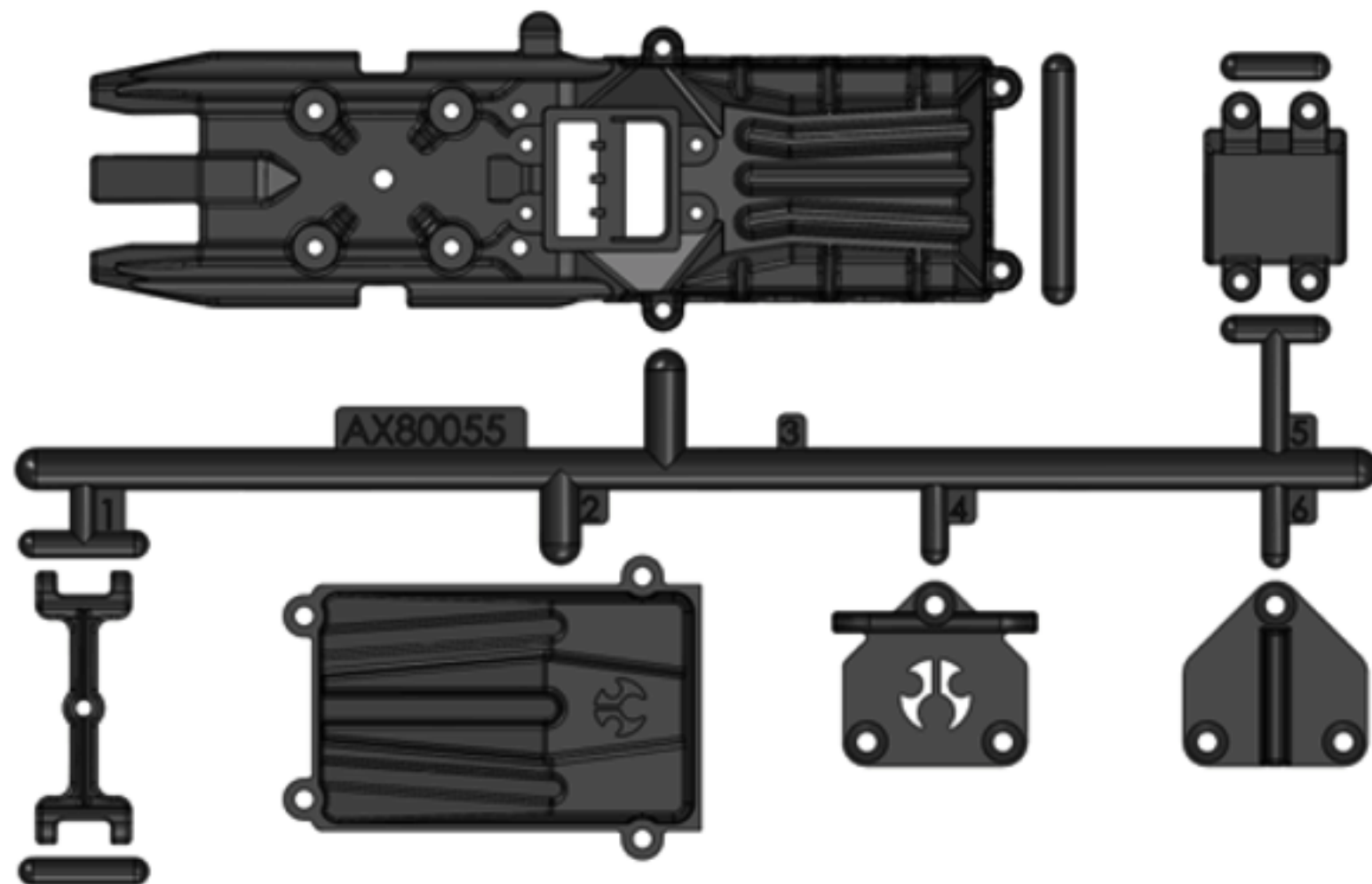
AXA466
M3x12mm Hex Socket Tapping Flat Head **x10**



AXA467
M3x15mm Hex Socket Tapping Flat Head **x4**



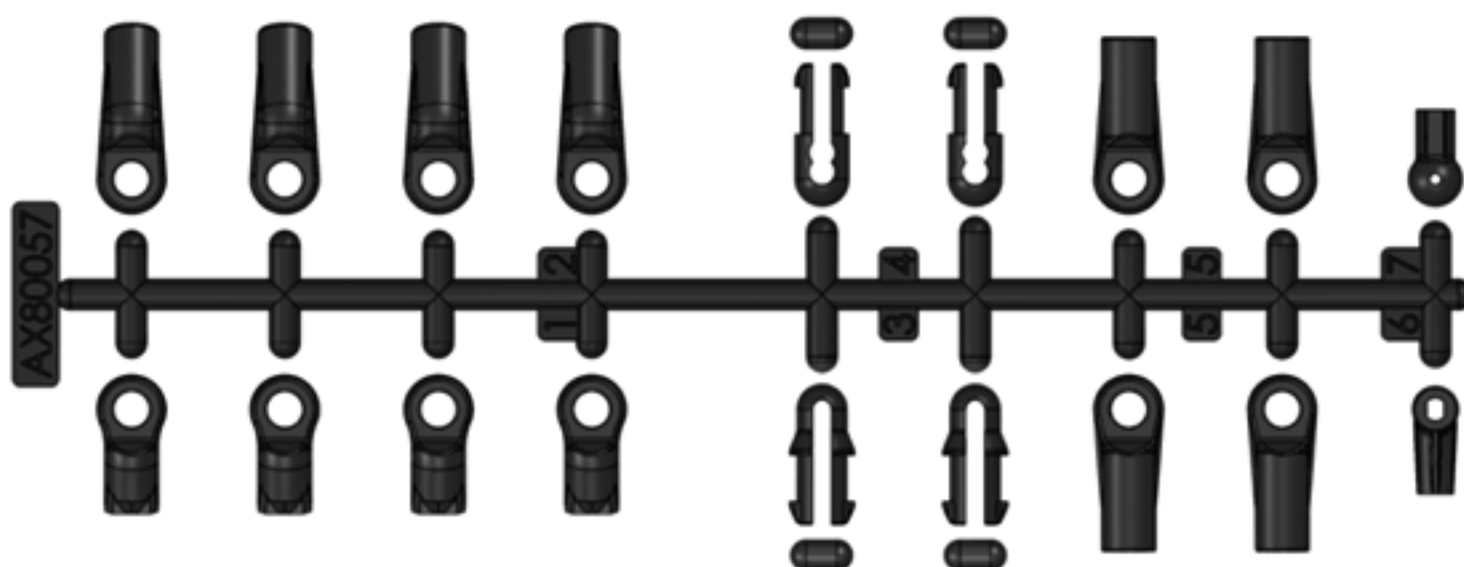
AX80005
Linkage Set **x1**



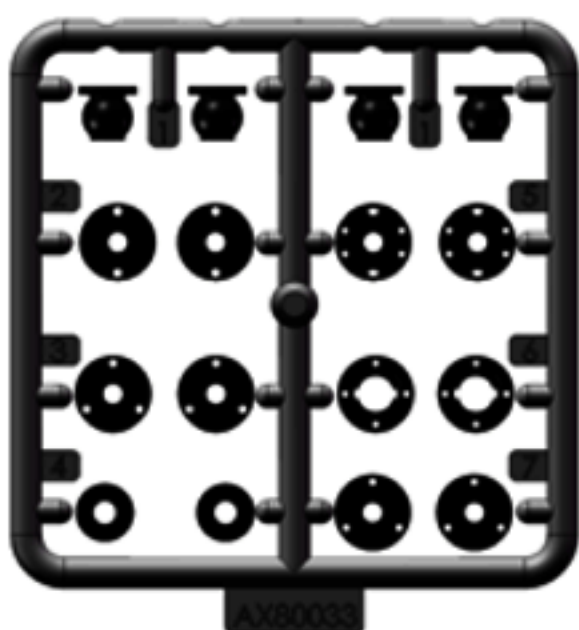
AX80055
XR10 Electronics Tray Set **x1**



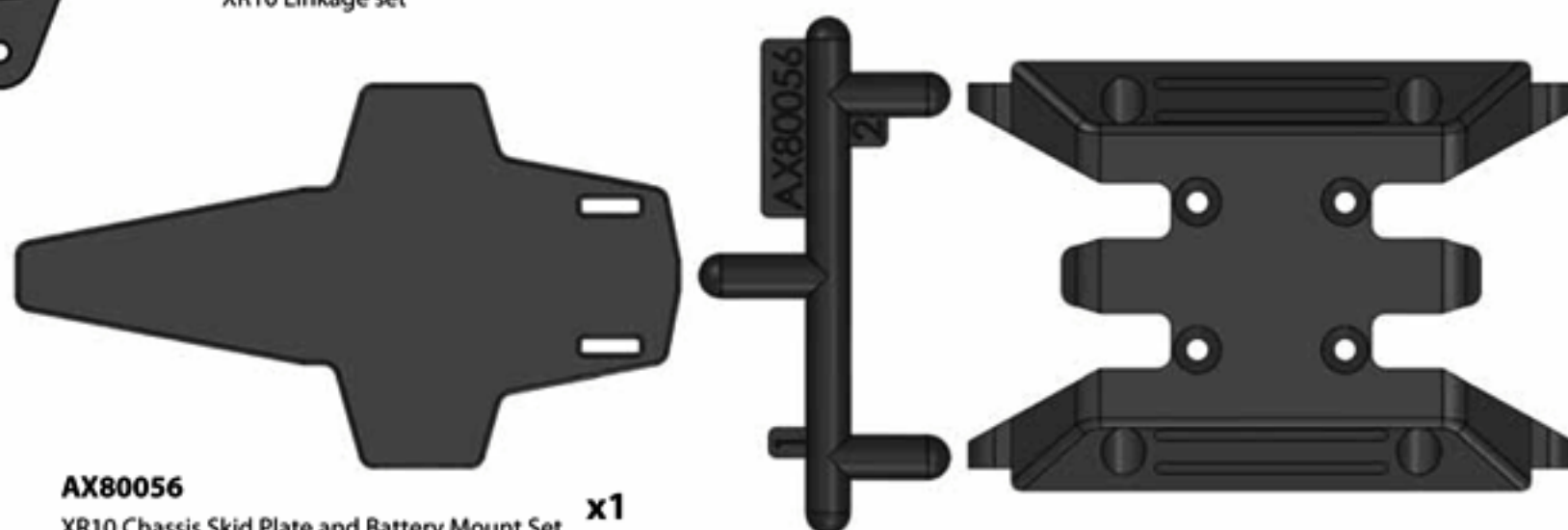
AX80006
Servo Set **x1**



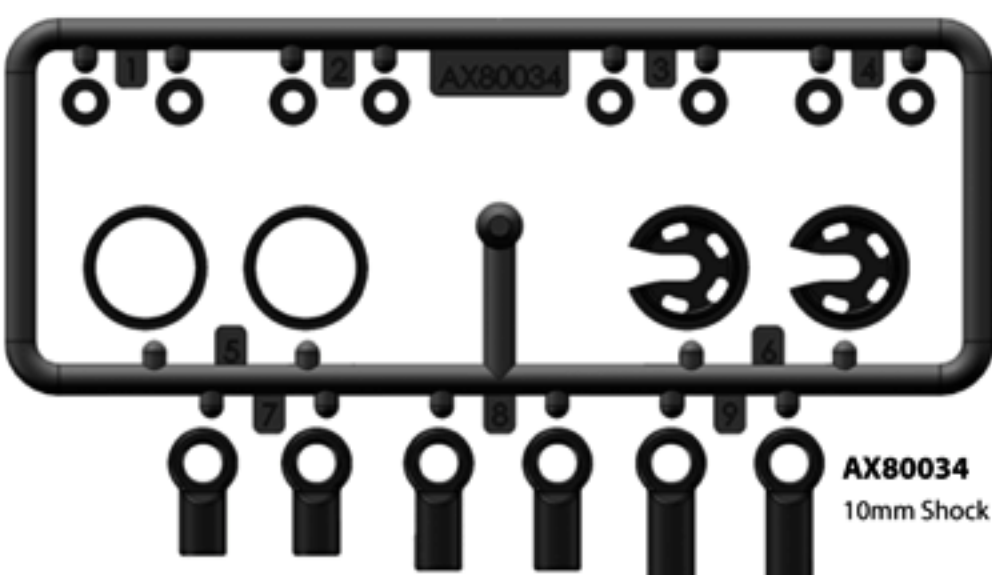
AX80057
XR10 Linkage set **x2**



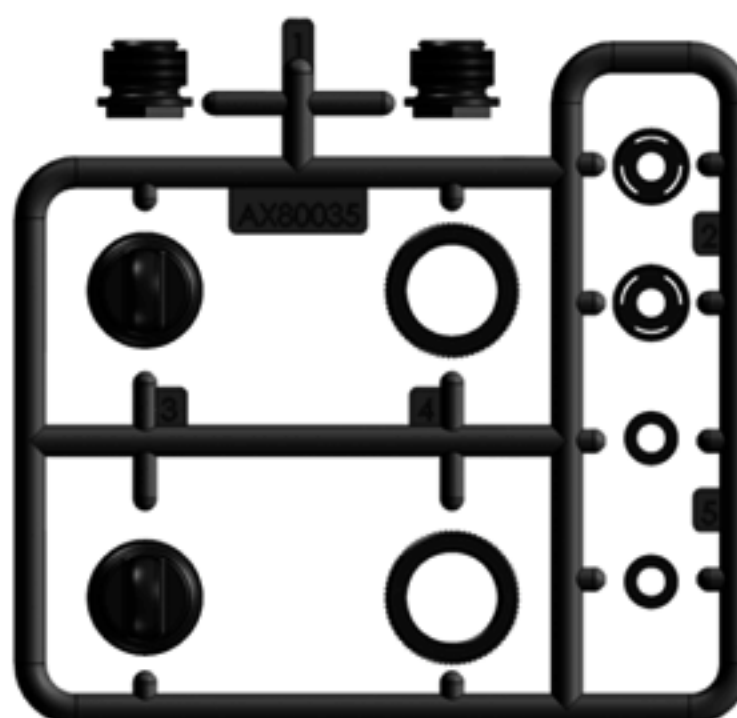
AX80033
10mm Shock Set 1 **x2**



AX80056
XR10 Chassis Skid Plate and Battery Mount Set **x1**



AX80034
10mm Shock Set 2 **x2**



AX80035
10mm Shock Caps Set **x2**



AX80062
C Hub Carrier Set **x1**



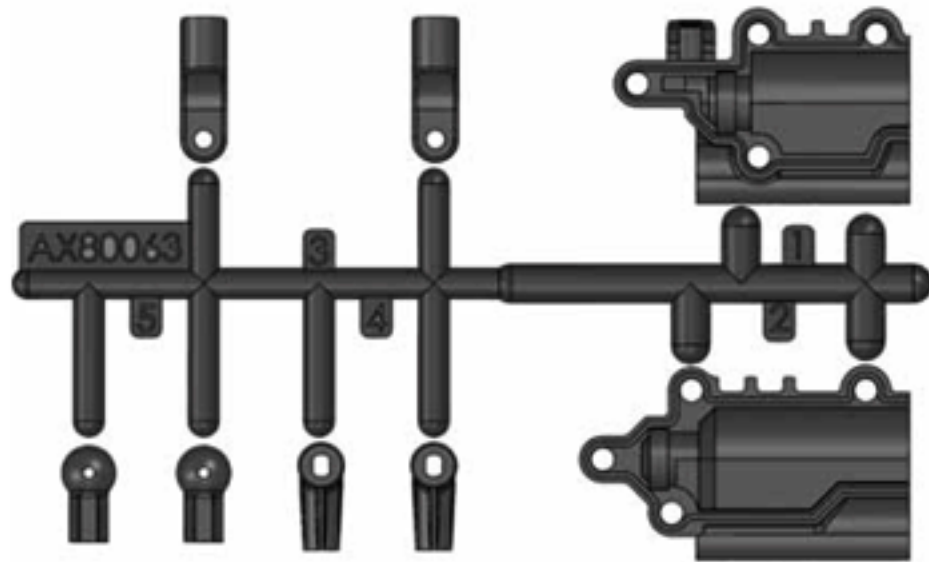
AX80058
Hi-Clearance Links Set **x2**



AX80059
Lower Link Slider Set **x2**



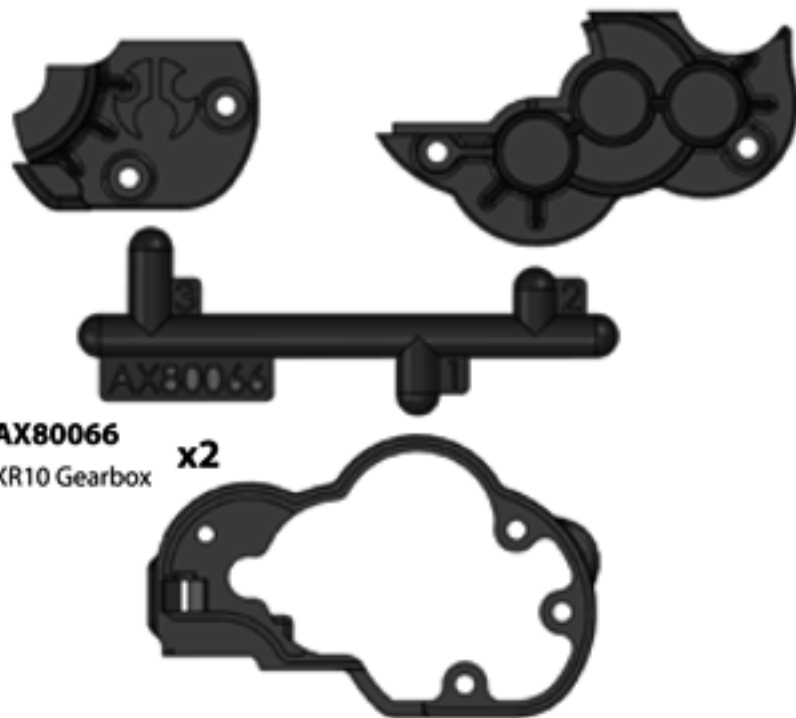
AX80061
Steering Knuckles Plastic Set **x1**



AX80063
XR10 Axle Case Cap Set **x1**



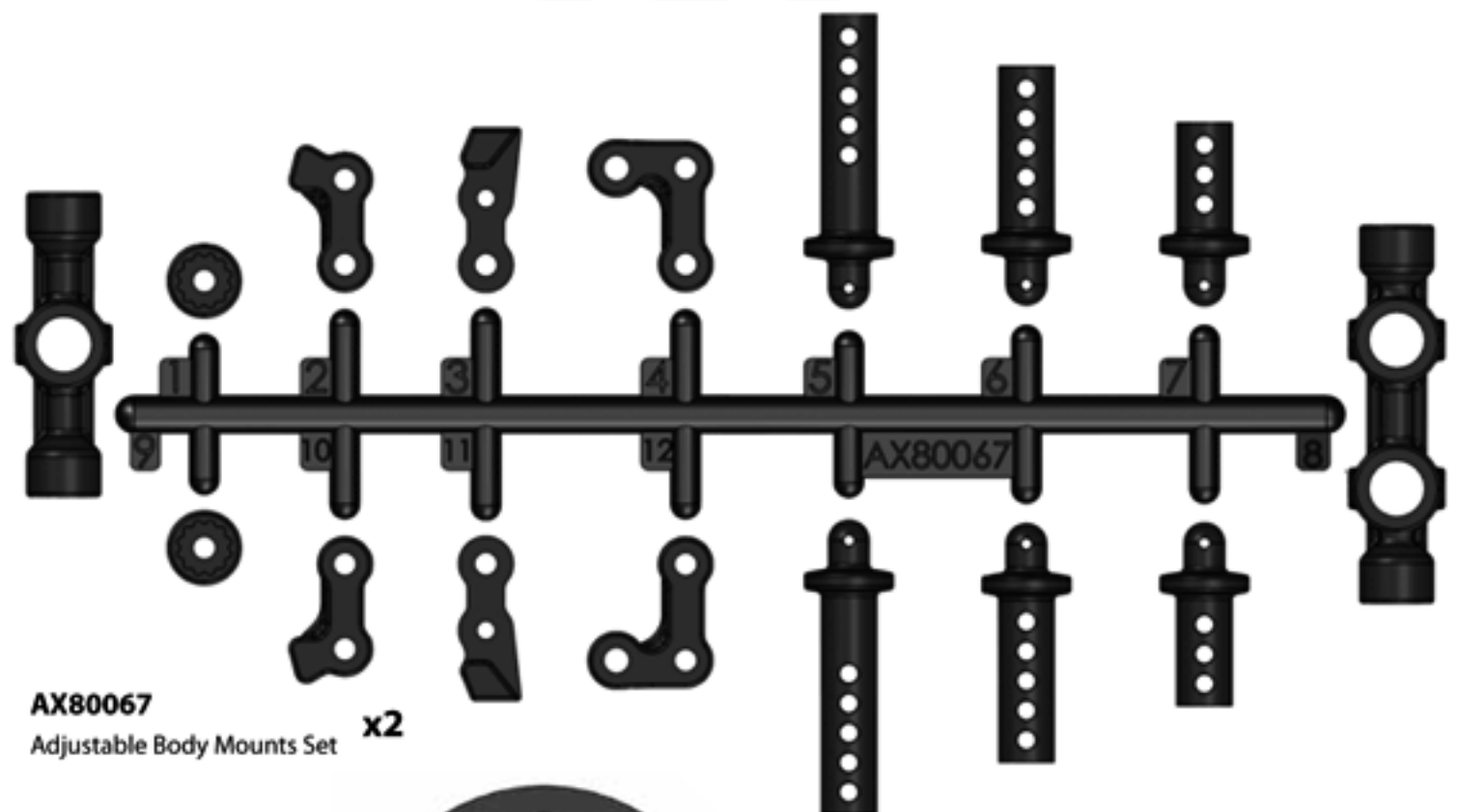
AX80064
XR10 Straight Axle Adapter Set **x1**



AX80066
XR10 Gearbox **x2**



AX08061-01
2.2 VWS Beadlock Wheels **x4**



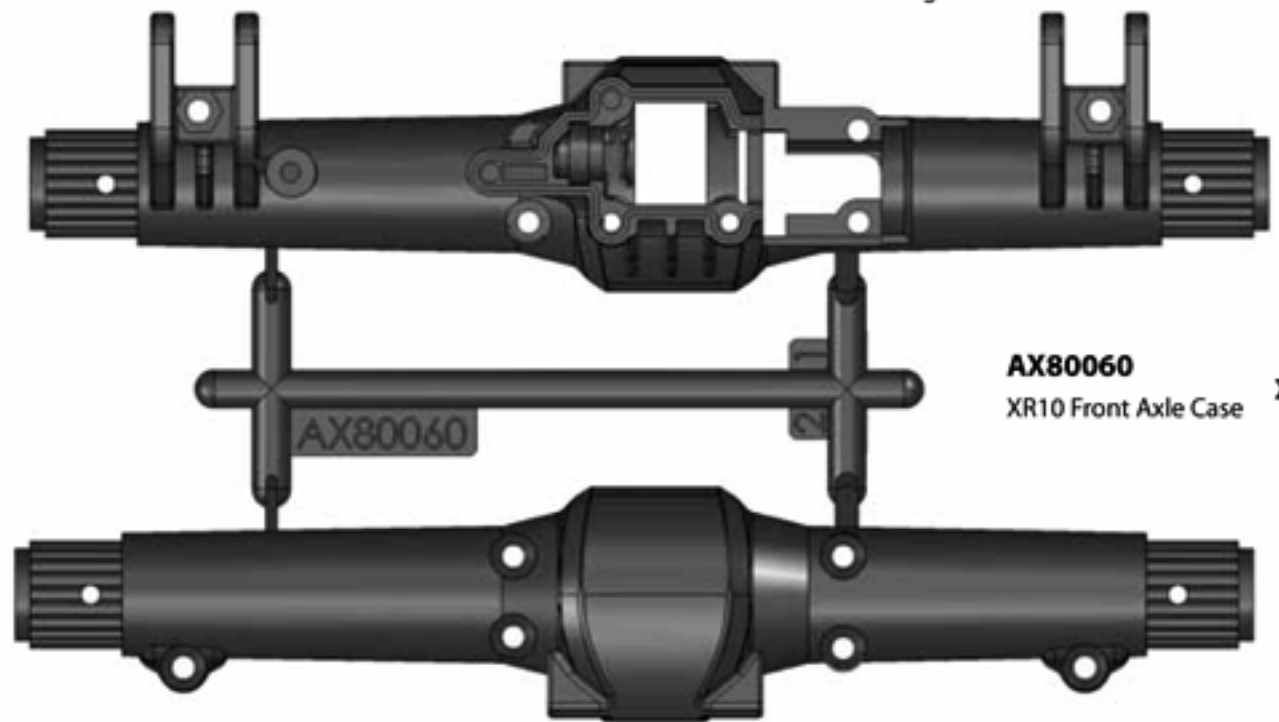
AX80067
Adjustable Body Mounts Set **x2**



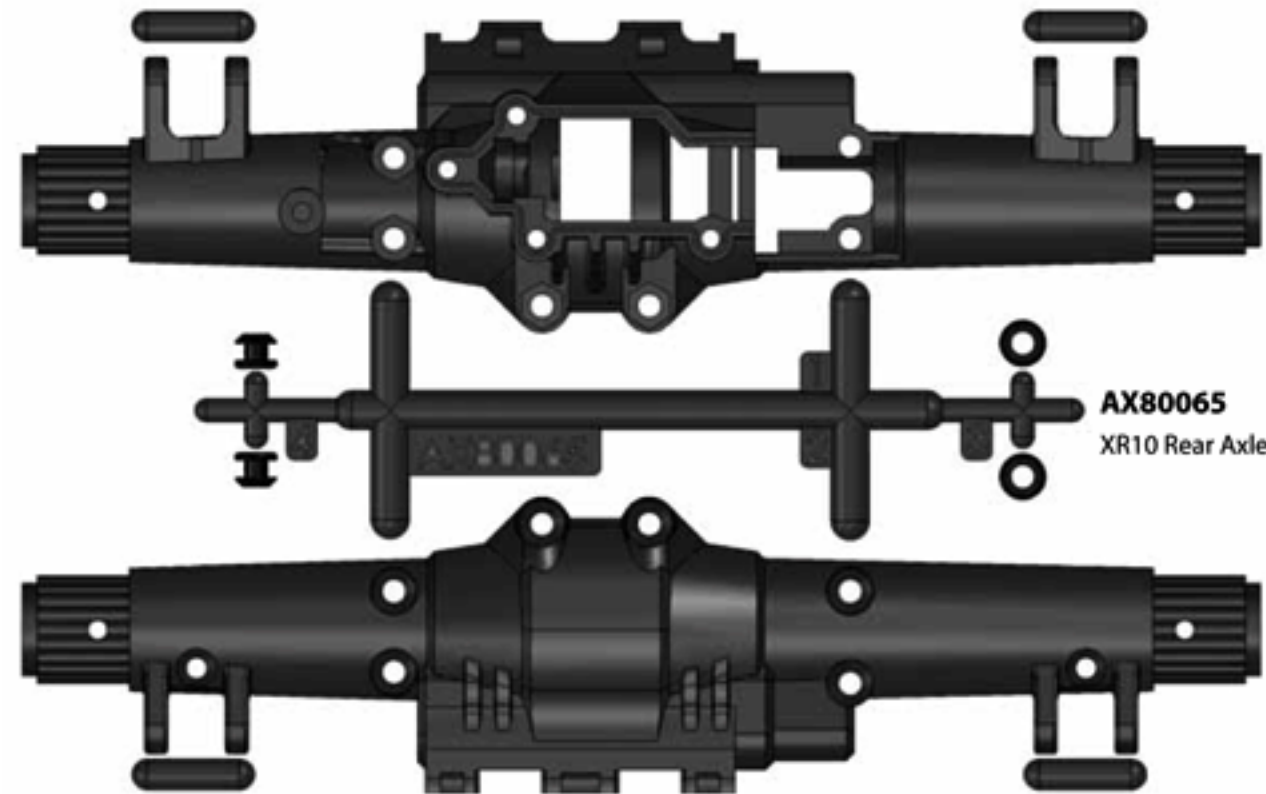
AX08061-02
2.2 VWS Beadlock Wheel Back Lock **x4**



AX08061-03
2.2 VWS Beadlock Wheels Weight Lock **x4**



AX80060
XR10 Front Axle Case **x1**



AX80065
XR10 Rear Axle Case **x1**

A

Open Bag A



AXA1214
Flanged Bearing 5x8x2.5mm **x2**



AXA1391
E4 e-clip **x1**



AX30168
Pin 2x8mm **x1**



AX30551
22T-48P Drive Gear **x1**



AXA466
M3x12mm Hex Socket Tapping Flat Head **x1**



AXA1213
Bearing 5x8x2.5mm **x1**



AXA1391
E4 e-clip **x1**



AX30168
Pin 2x8mm **x1**



AX30555
36T-48P Idler Gear **x1**



AXA1214
Flanged Bearing 5x8x2.5mm **x1**



AX30168
Pin 2x8mm **x1**



AX30554
12T-48P Stepped Gear **x1**

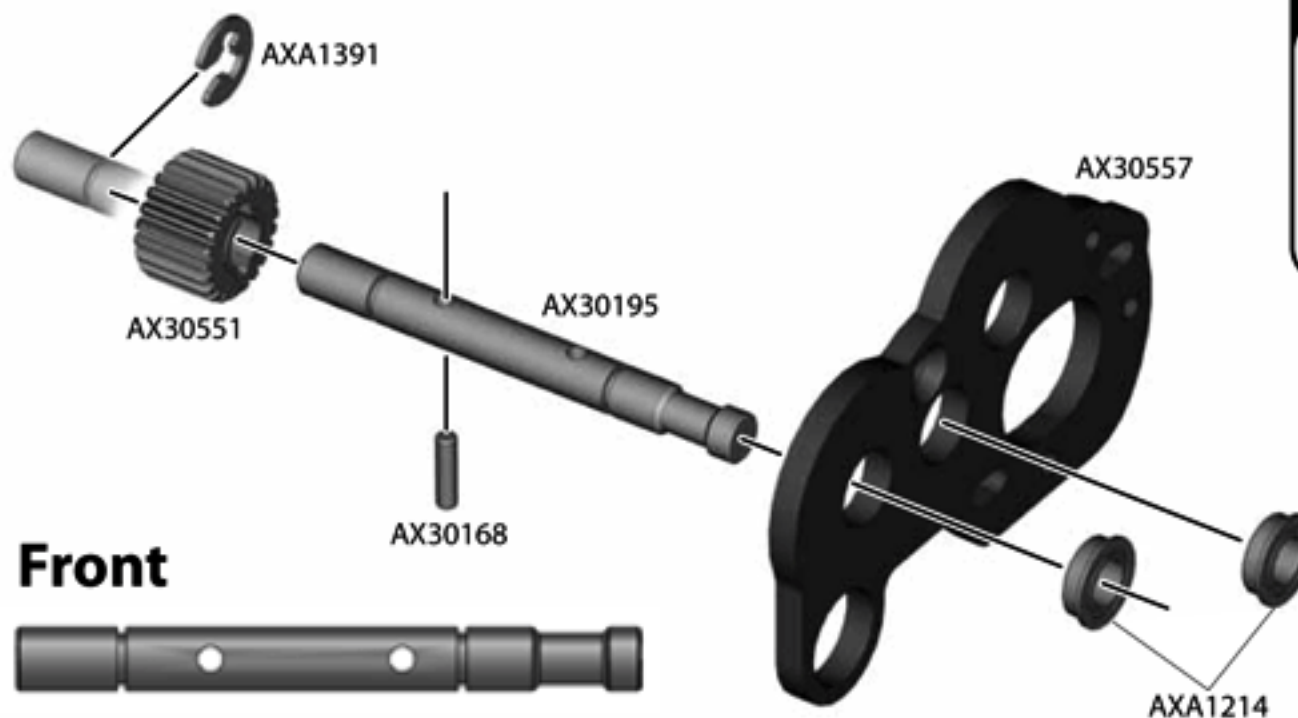


AX30555
36T-48P Idler Gear **x1**



AX30556
12T-48P Transfer Gear **x1**

1



Front

AX30195
5x49mm Gear Shaft **x1**

Option Parts



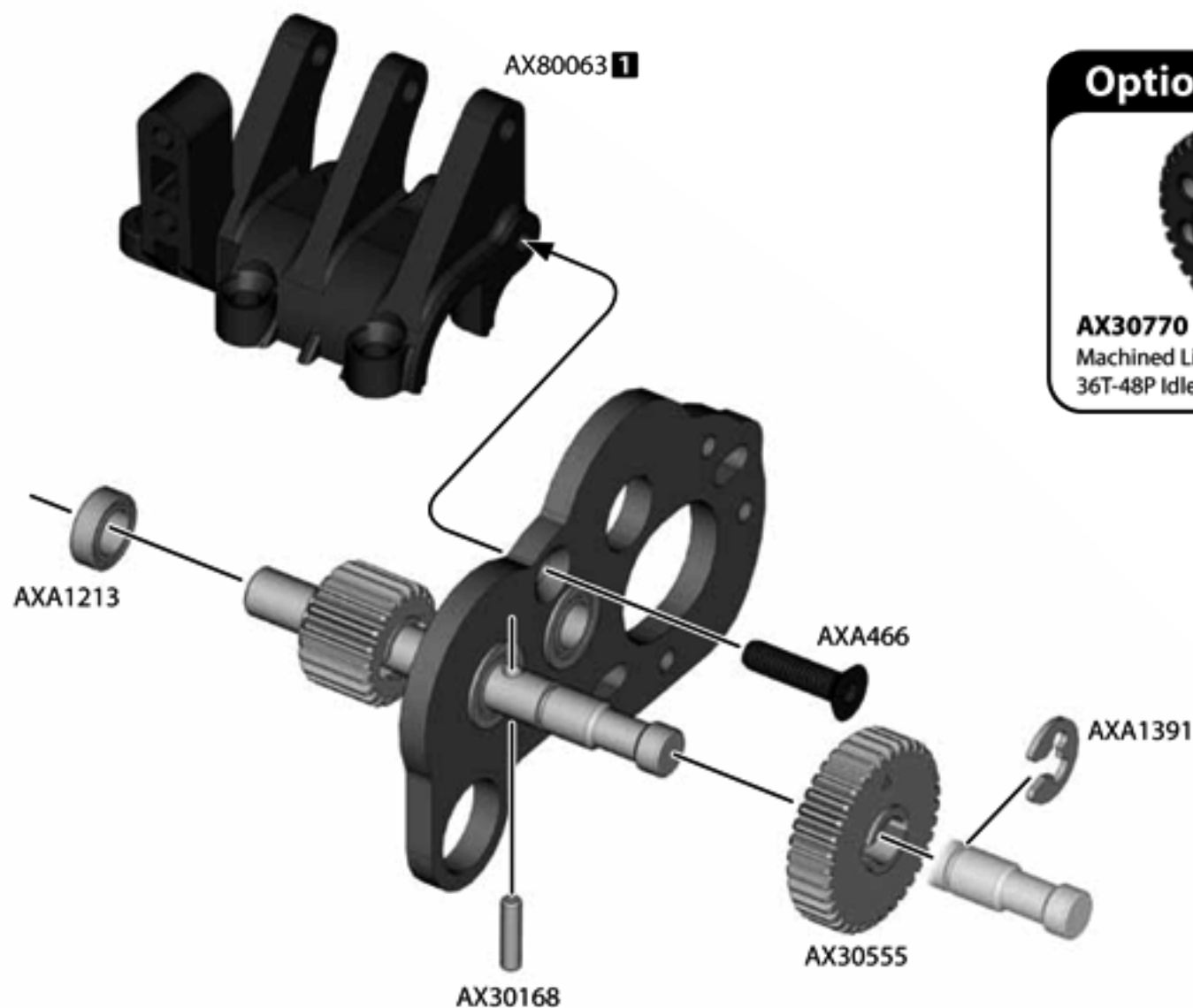
AX30765
Titanium 5x49mm Gear Shaft

Option Parts



AX30767
Machined 22T-48P Drive Gear

2

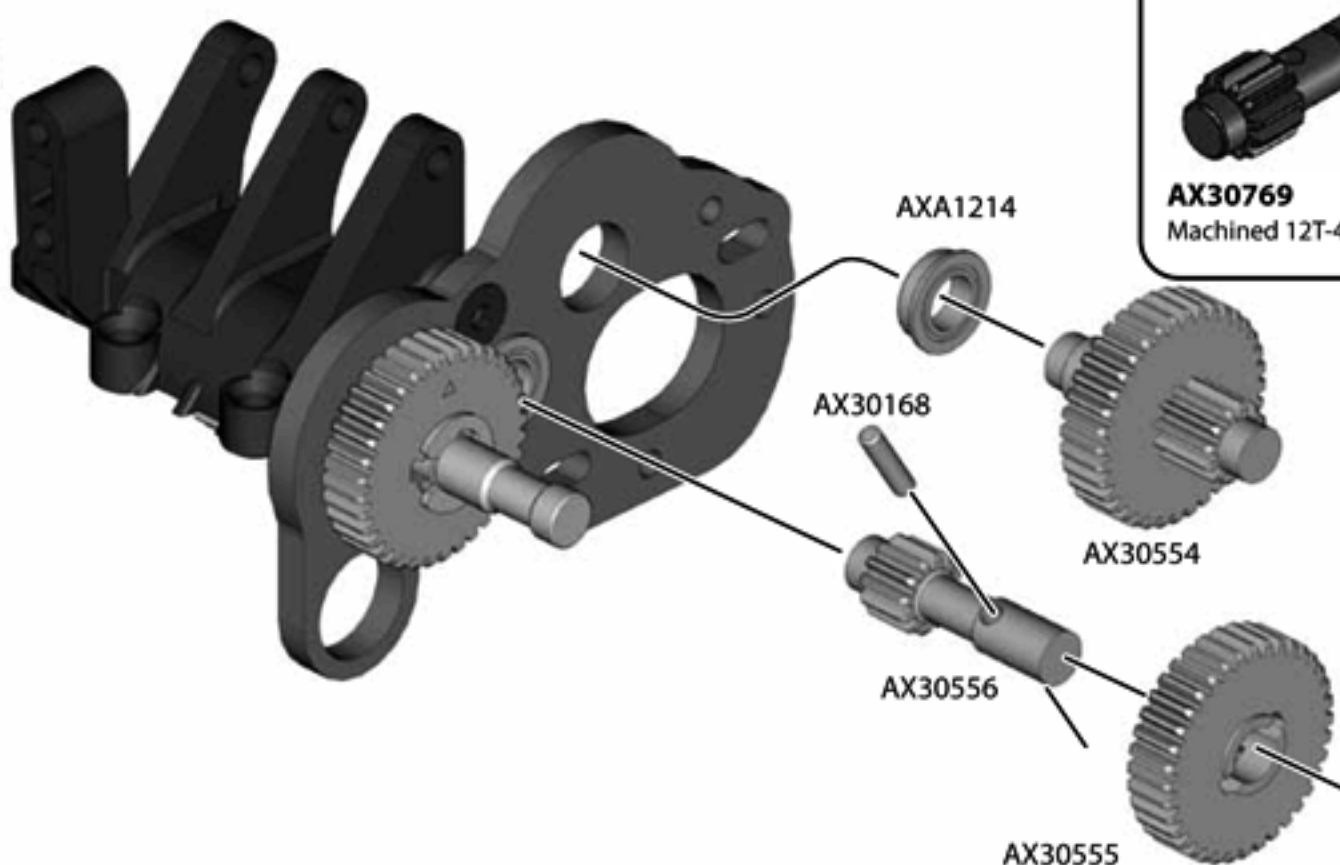


Option Parts



AX30770
Machined Lightweight
36T-48P Idler Gear

3



Option Parts



AX30769
Machined 12T-48P Gear 1

Option Parts

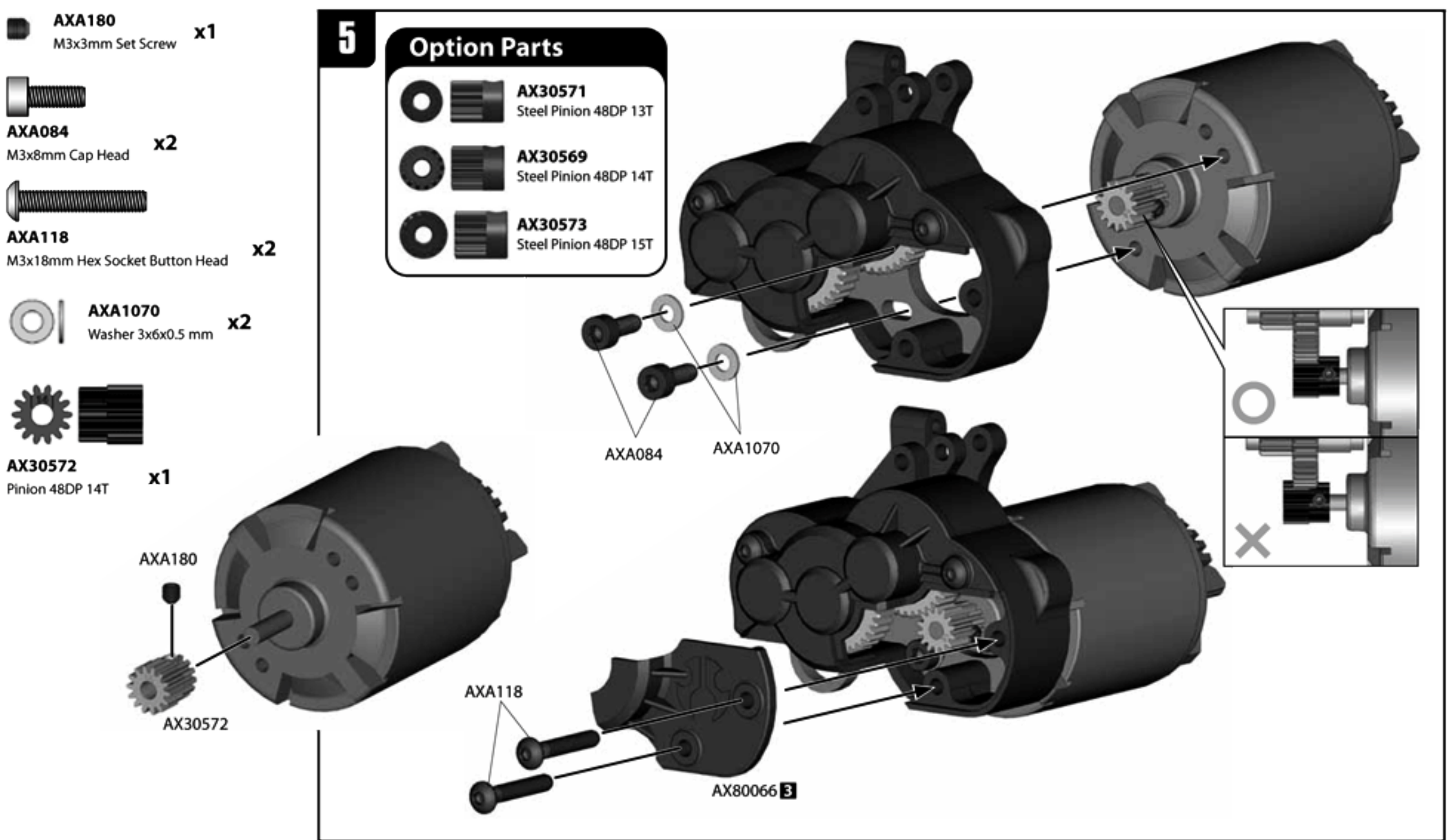
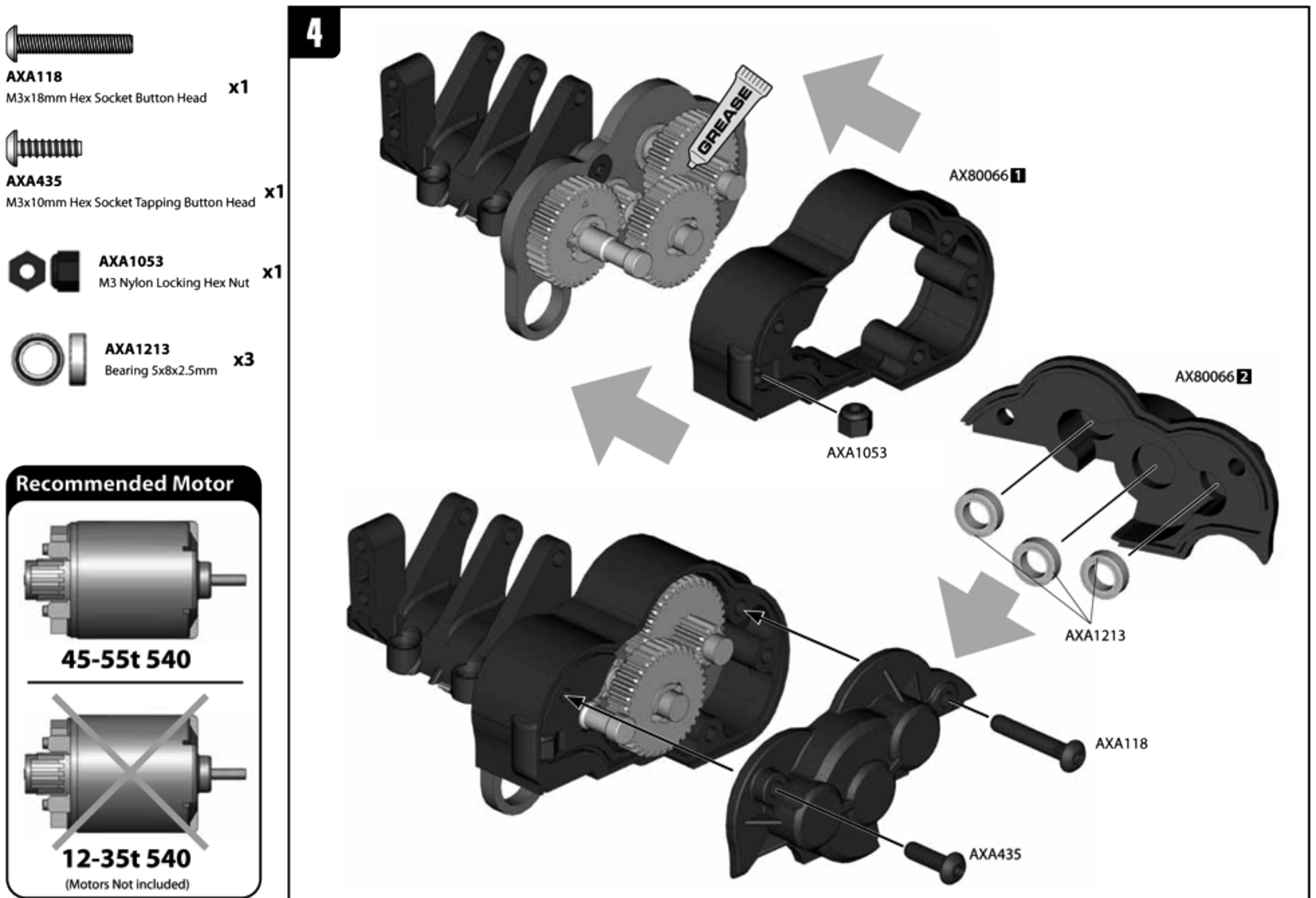


AX30771
Machined 12T-48P Gear 2

Option Parts



AX30770
Machined Lightweight
36T-48P Idler Gear

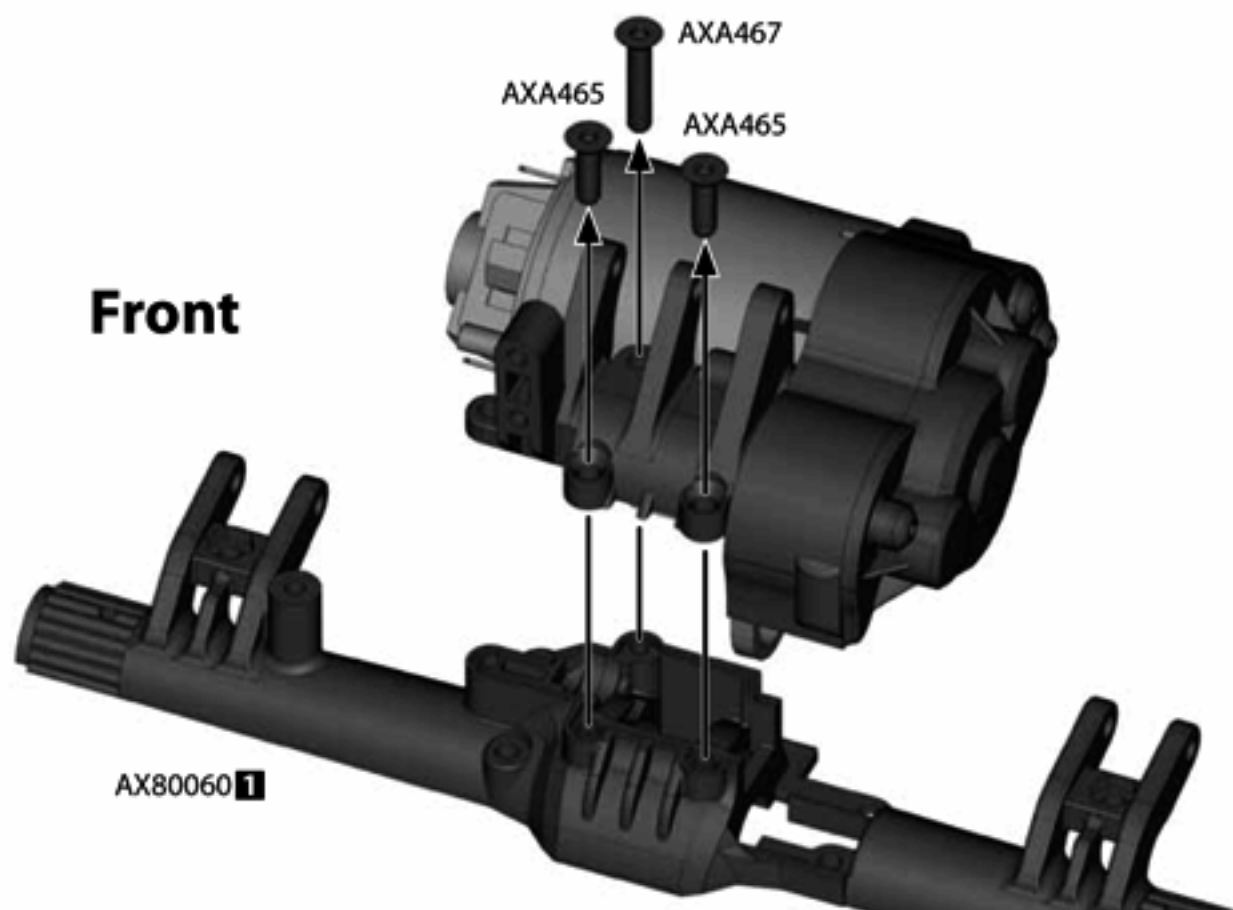




AXA465
M3x10mm Hex Socket Tapping Flat Head **x2**



AXA467
M3x15mm Hex Socket Tapping Flat Head **x1**



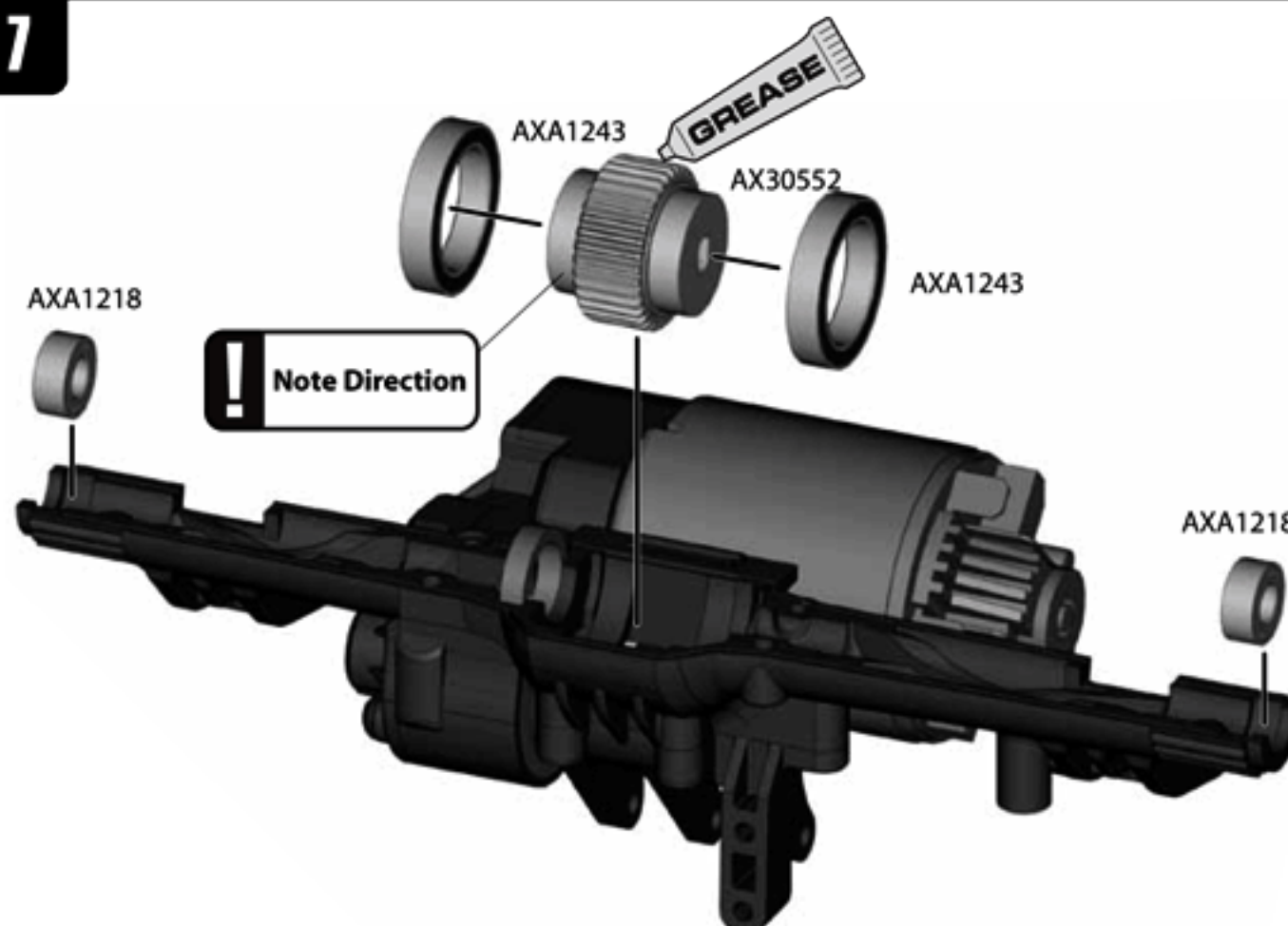
AXA1218
Bearing 5x10x4mm **x2**



AXA1243
Bearing 15x21x4mm **x2**



AX30552
36T-48P Final Gear **x1**



Option Parts



AX30768
Machined Lightweight 36T-48P Final Gear



AXA147
M3x16mm Hex Socket Flat Head **x1**



AXA149
M3x20mm Hex Socket Flat Head **x1**



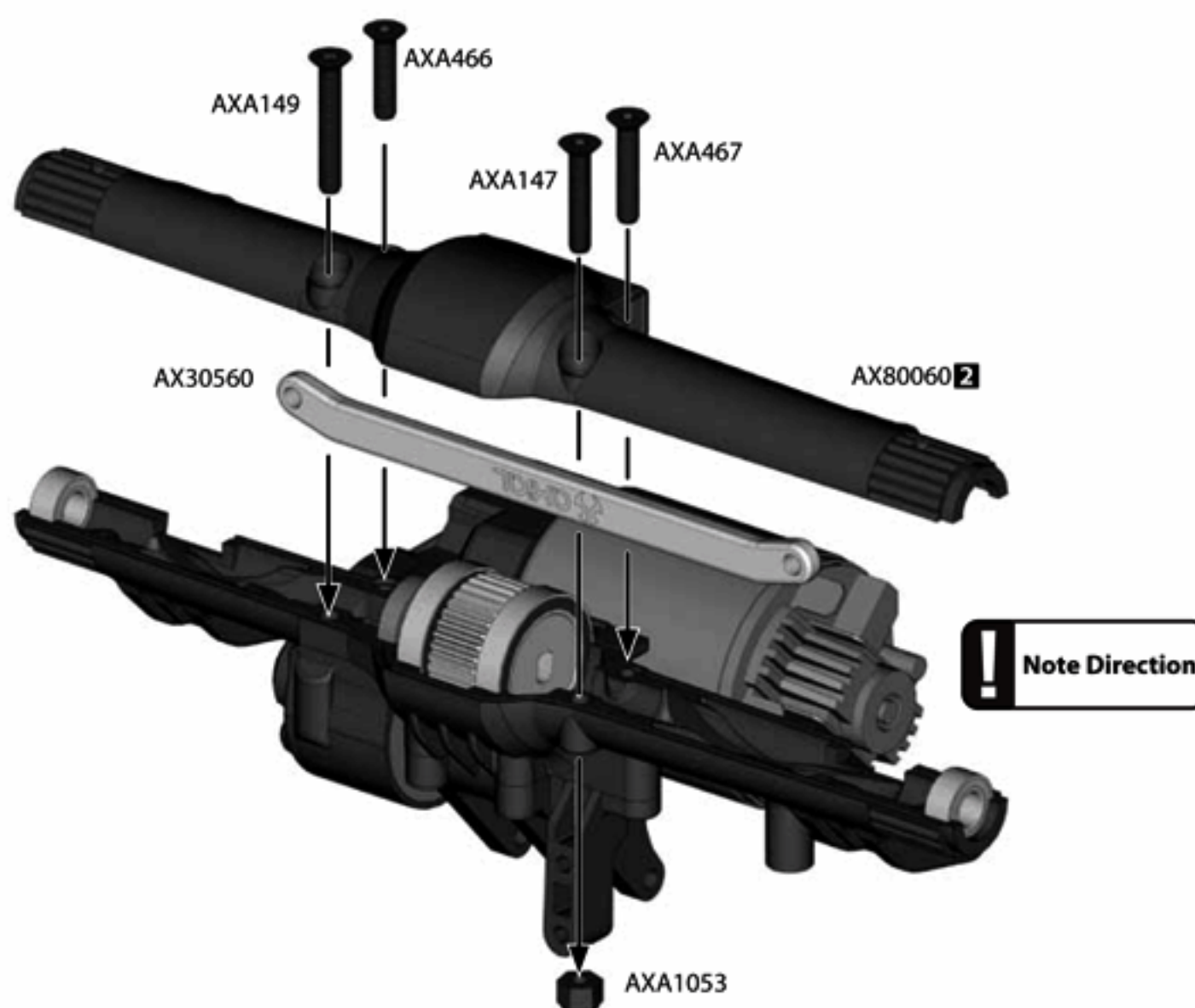
AXA466
M3x12mm Hex Socket Tapping Flat Head **x1**

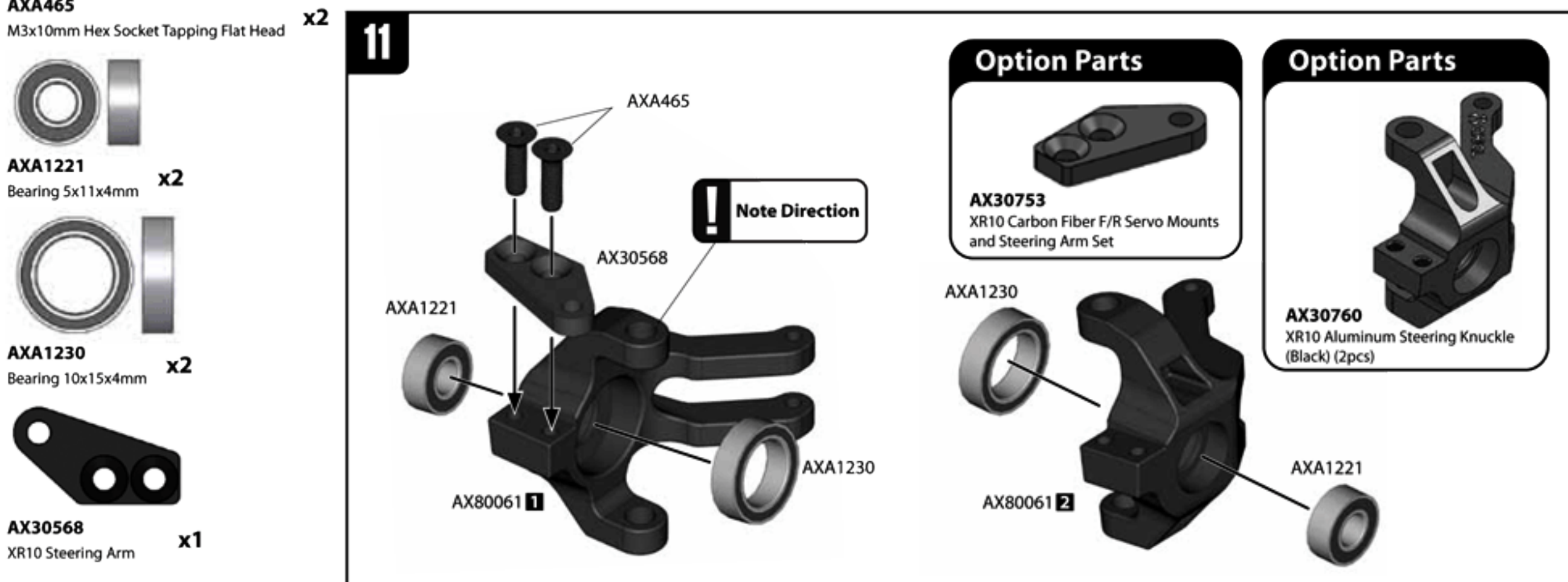
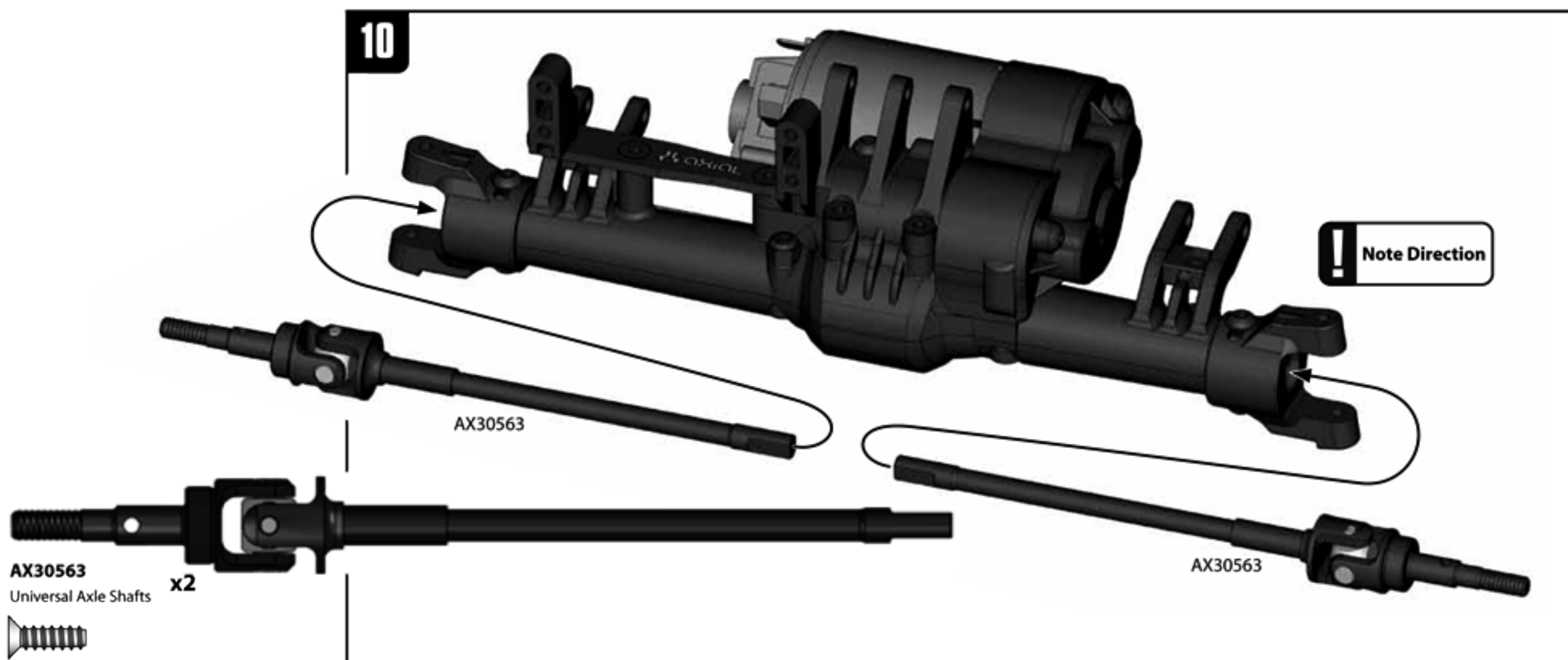
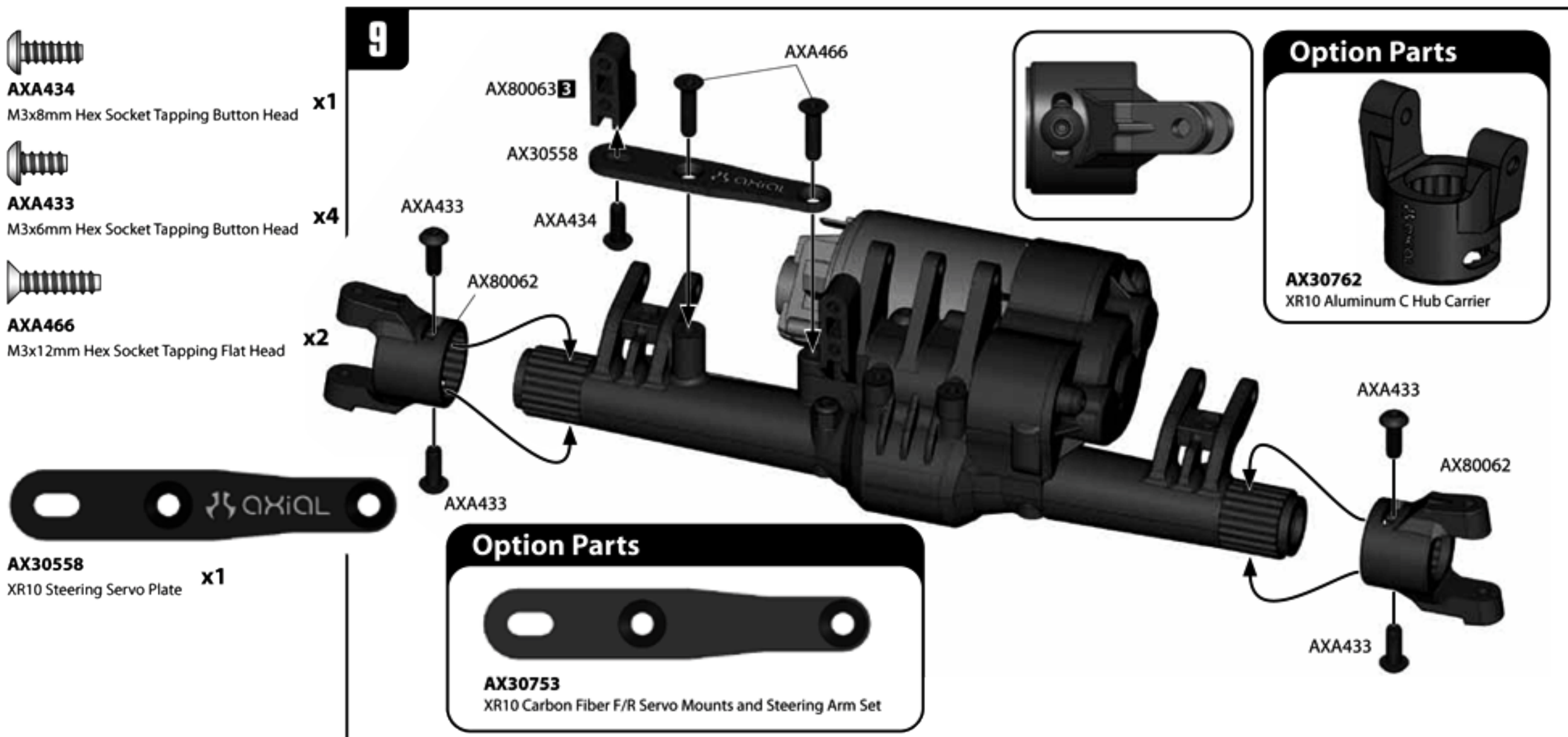


AXA467
M3x15mm Hex Socket Tapping Flat Head **x1**



AXA1053
M3 Nylon Locking Hex Nut **x1**





12

AXA115

AX30450

AXA115

AX30450

Note Direction

AX30450

AXA115

AX30450

AXA115

x4

ex Socket Button Head

x4

x4.5x5.5


AXA115
M3x10mm Hex Socket Button Head **x4**


AX30450
Flange Pipe 3x4.5x5.5 **x4**

14

Bucket Button Head x2

Bucket Button Head x2

AXA117

AXA115

THREAD LOCK

THREAD LOCK

Option Parts

AX30767
Machined 22T-48P Drive Gear

Rear

AX30196
5x58mm Gear Shaft **x1**

Option Parts

AX30766
Titanium 5x58mm Gear Shaft

AX30557

AXA1214

Option Parts

AX30770
Machined Lightweight
36T-48P Idler Gear

Note Direction

Option Parts

AX30769
Machined 12T-48P Gear 1

Option Parts

AX30771
Machined 12T-48P Gear 2

Option Parts

AX30770
Machined Lightweight
36T-48P Idler Gear

AXA1214
Flanged Bearing 5x8x2.5mm **x2**

AXA1391
E4 e-clip **x1**

AX30168
Pin 2x8mm **x1**



AX30551
22T-48P Drive Gear **x1**

AXA466
M3x12mm Hex Socket Tapping Flat Head **x1**

AXA1213
Bearing 5x8x2.5mm **x1**

AXA1391
E4 e-clip **x1**



AX30555
36T-48P Idler Gear **x1**

AX30168
Pin 2x8mm **x1**

AXA1214
Flanged Bearing 5x8x2.5mm **x1**

AX30168
Pin 2x8mm **x1**



AX30554
12T-48P Stepped Gear **x1**



AX30555
36T-48P Idler Gear **x1**

AX30556
12T-48P Transfer Gear **x1**



AXA118
M3x18mm Hex Socket Button Head **x1**



AXA435
M3x10mm Hex Socket Tapping Button Head **x1**



AXA1053
M3 Nylon Locking Hex Nut **x1**



AXA1213
Bearing 5x8x2.5mm **x3**

Recommended Motor



45-55t 540



12-35t 540

(Motors Not included)

AXA180
M3x3mm Set Screw **x1**



AXA084
M3x8mm Cap Head **x2**



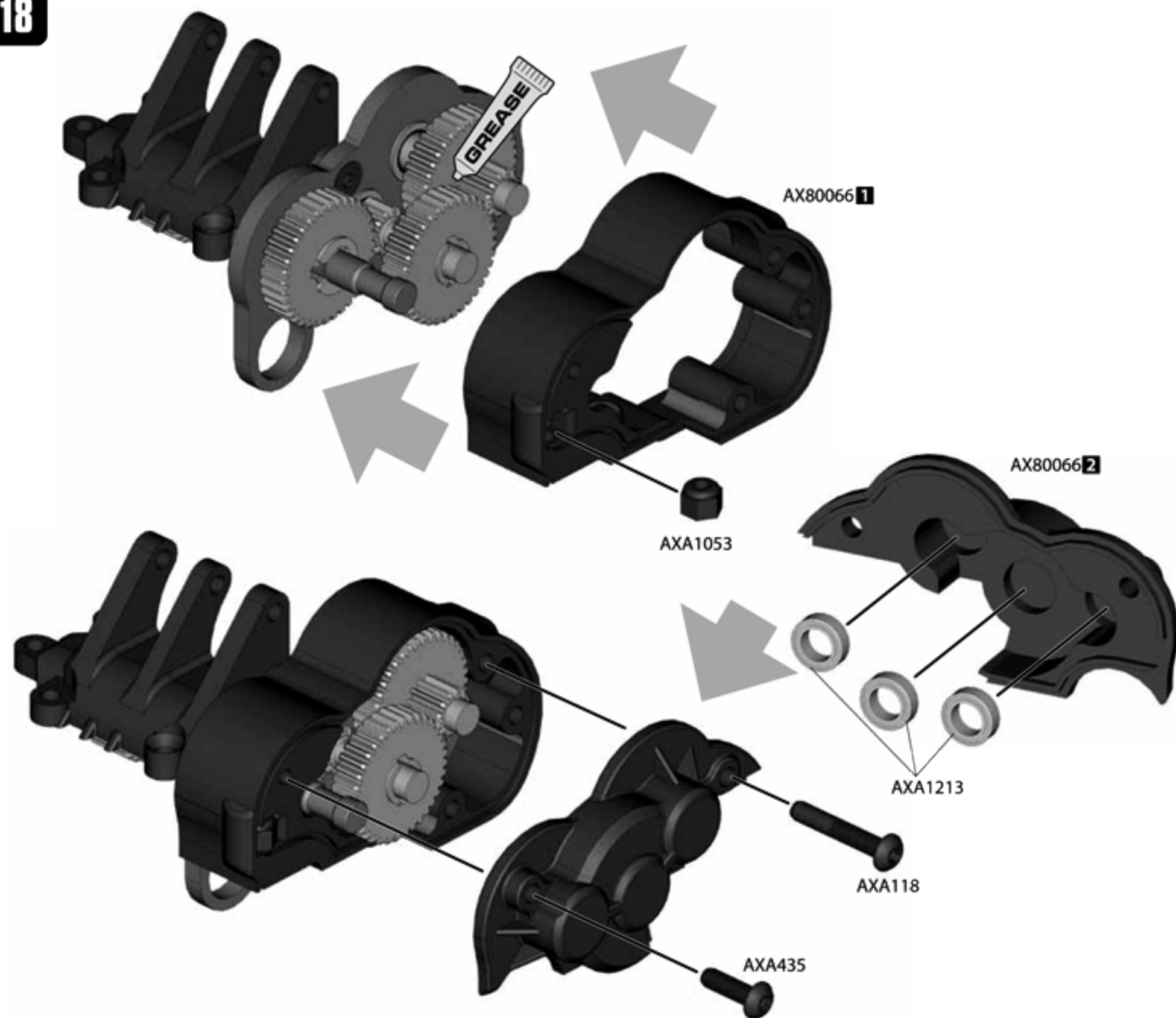
AXA118
M3x18mm Hex Socket Button Head **x2**

AXA1070
Washer 3x6x0.5 mm **x2**

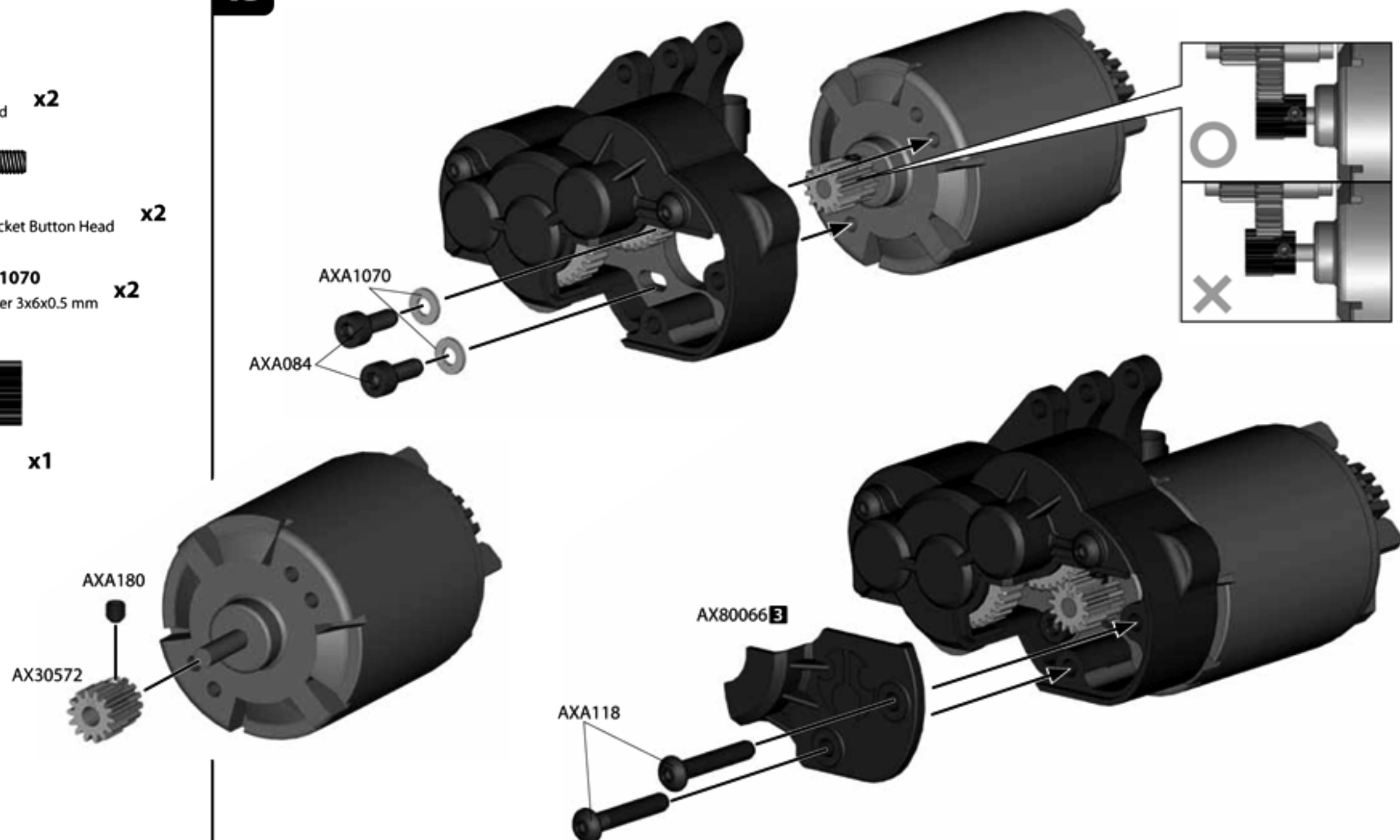


AX30572
Pinion 48DP 14T **x1**

18



19

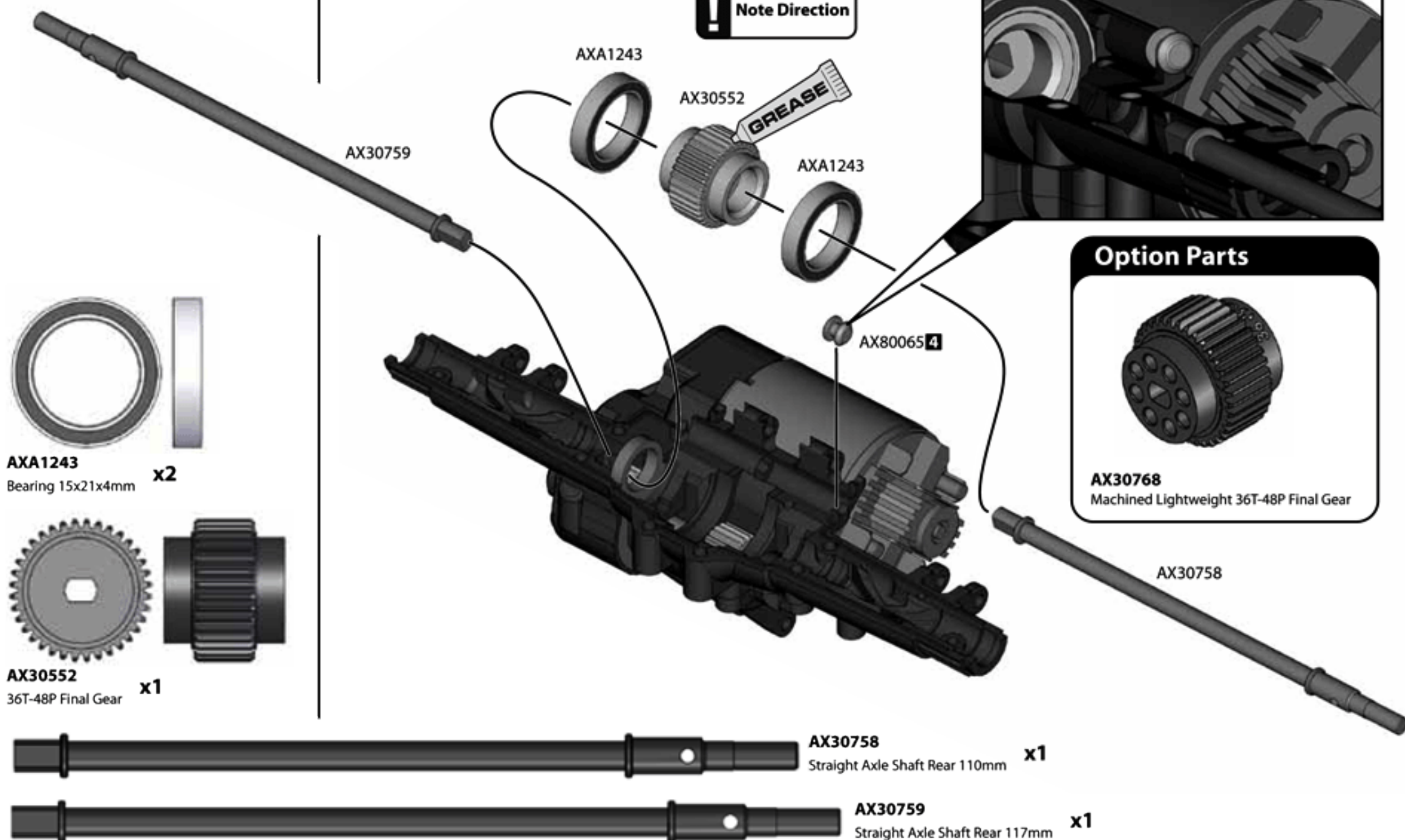
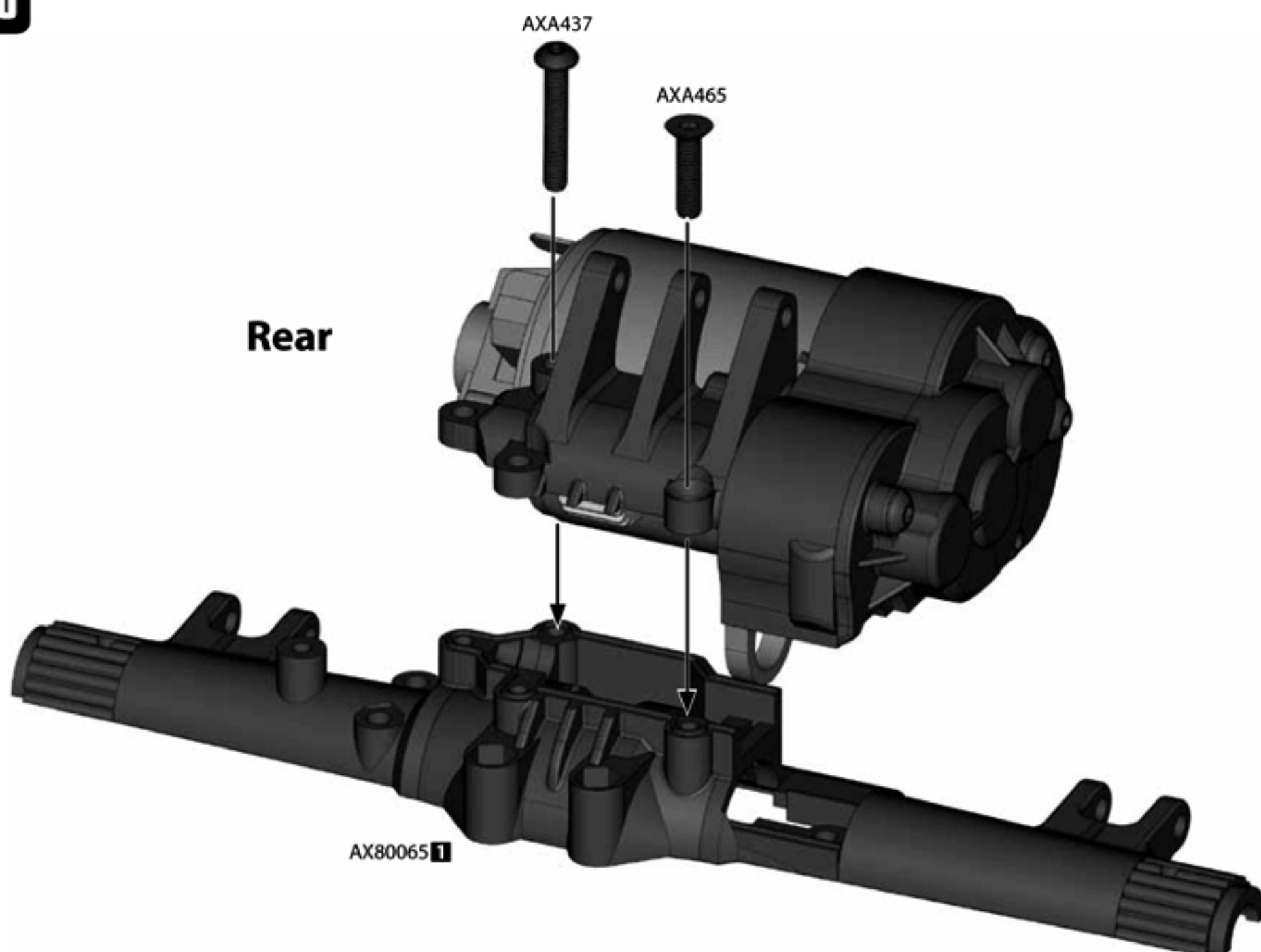


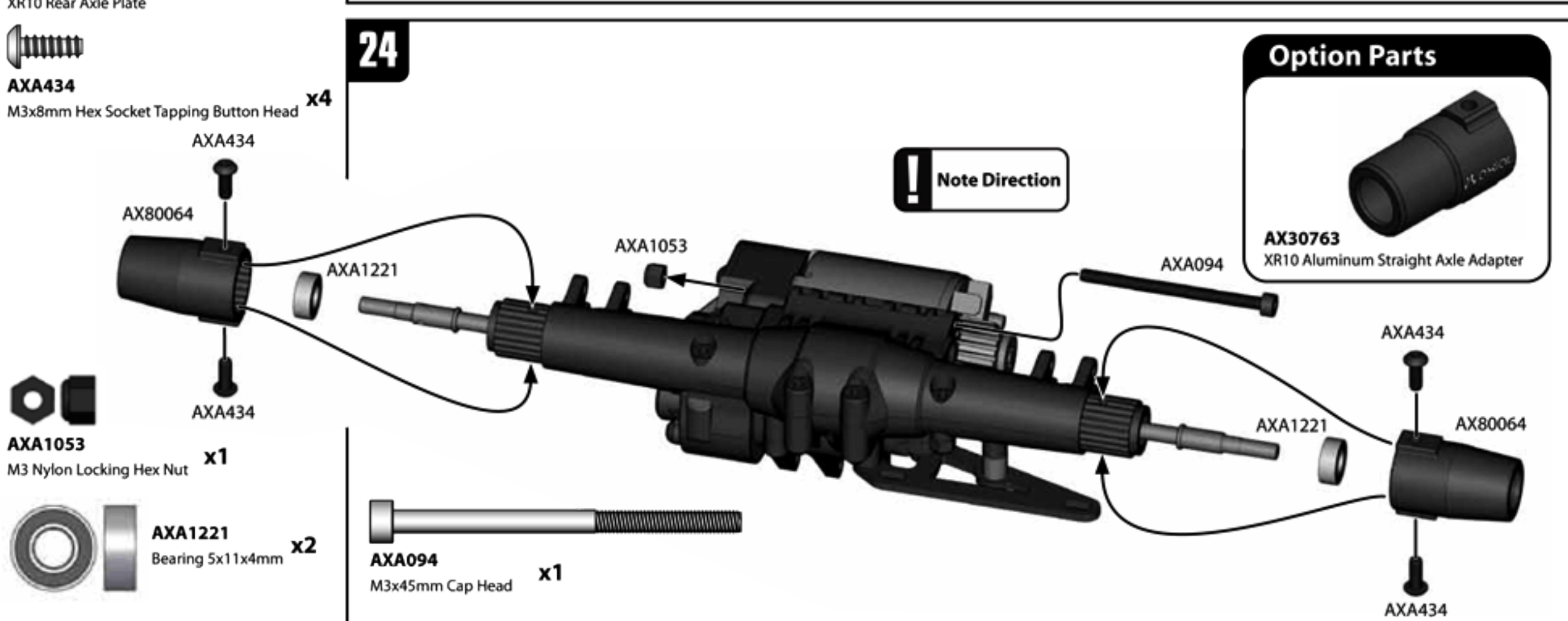
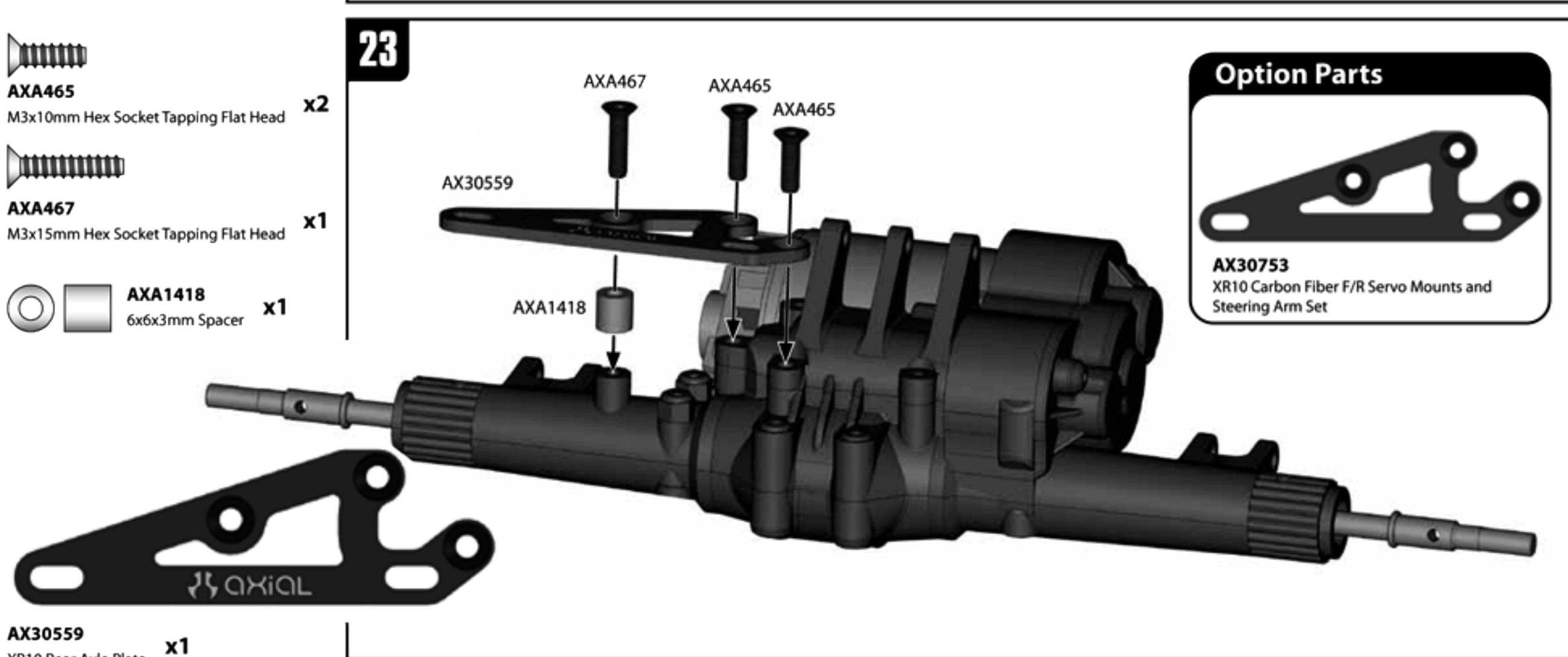
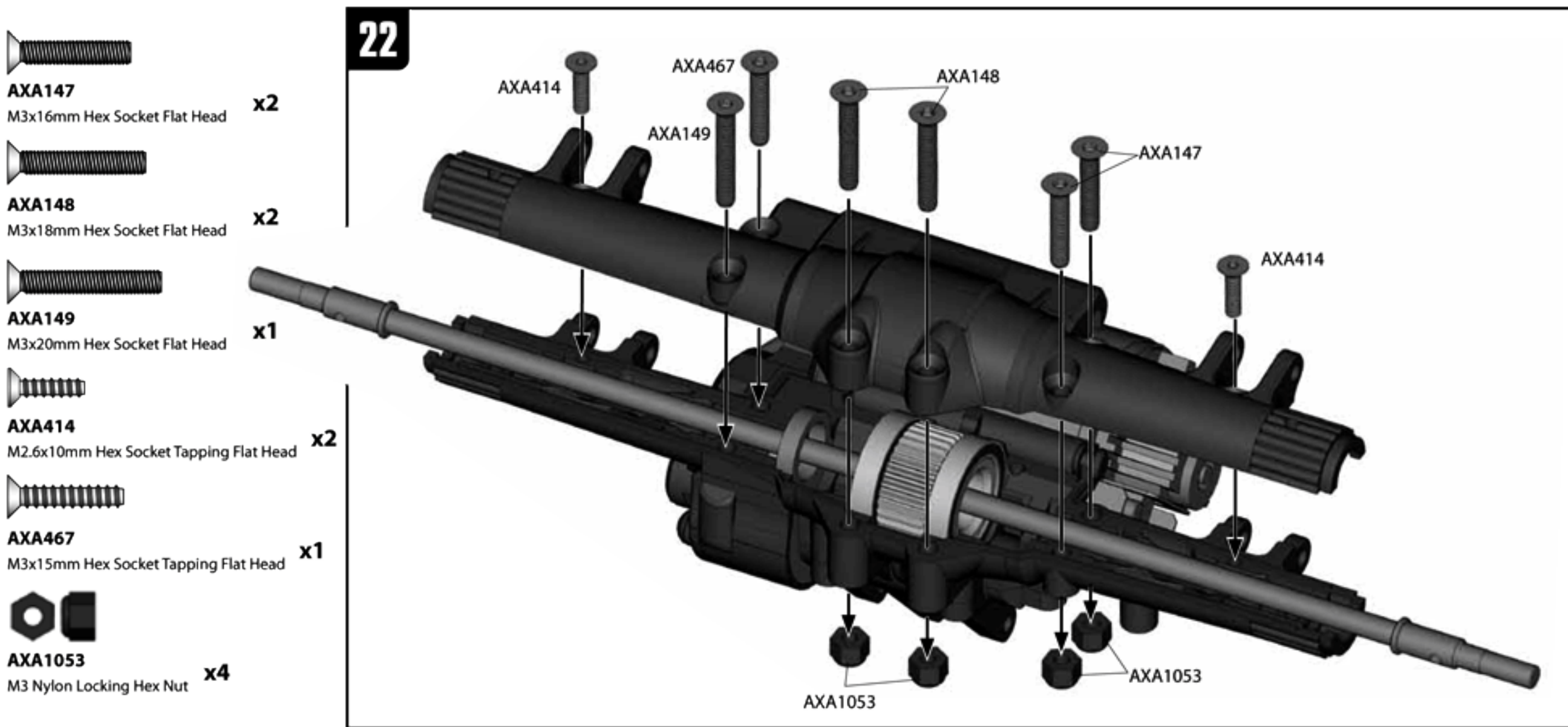


AXA437
M3x15mm Hex Socket Tapping Button Head **x1**



AXA465
M3x10mm Hex Socket Tapping Flat Head **x1**





Front



AXA186 **x8**
M3x16mm Set Screw



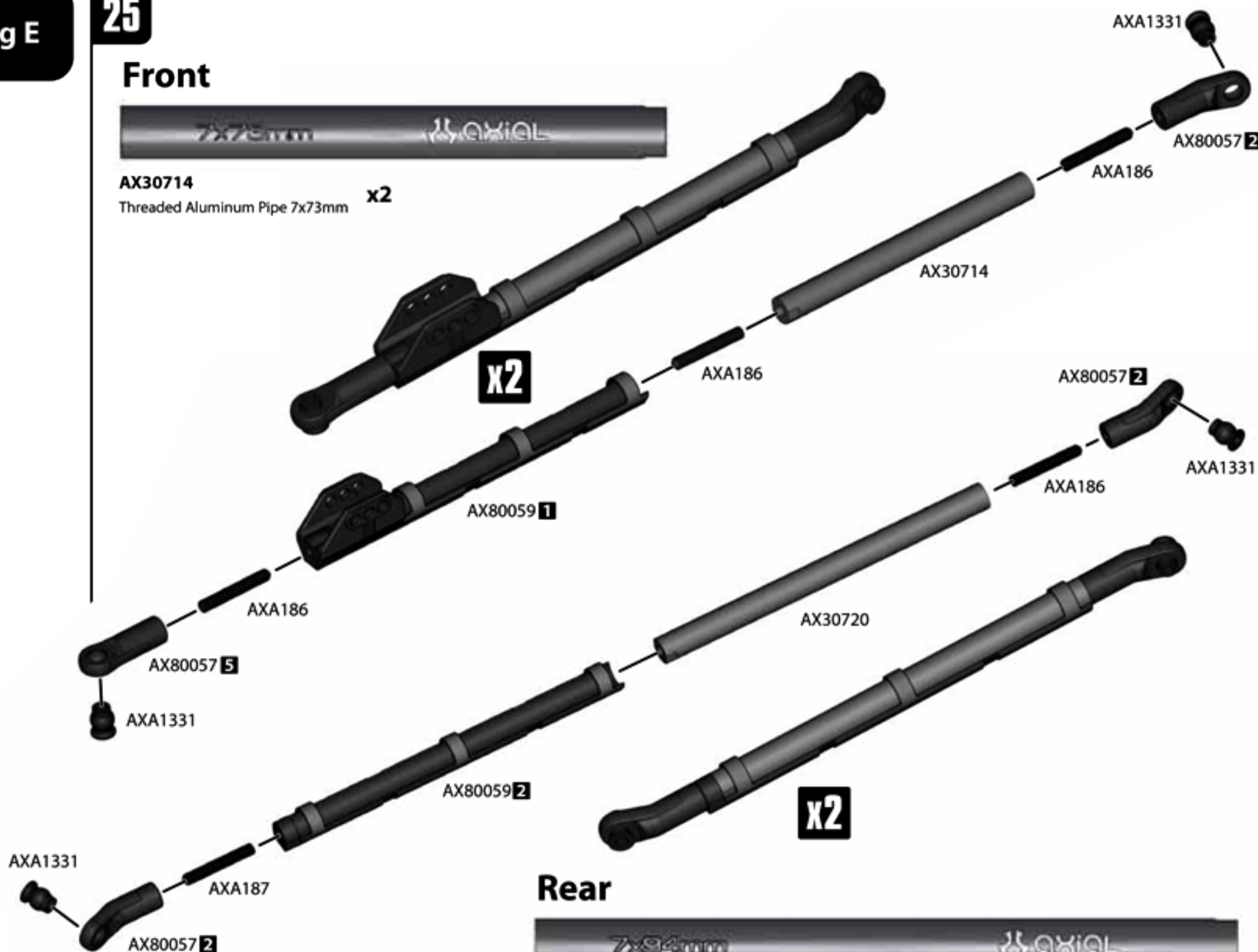
AXA1331
Flanged Ball 3x5.8x7mm **x8**



AXA187 x2
M3x20mm Set Screw



AX30714 **x2**
Threaded Aluminum Pipe 7x73mm



Rear



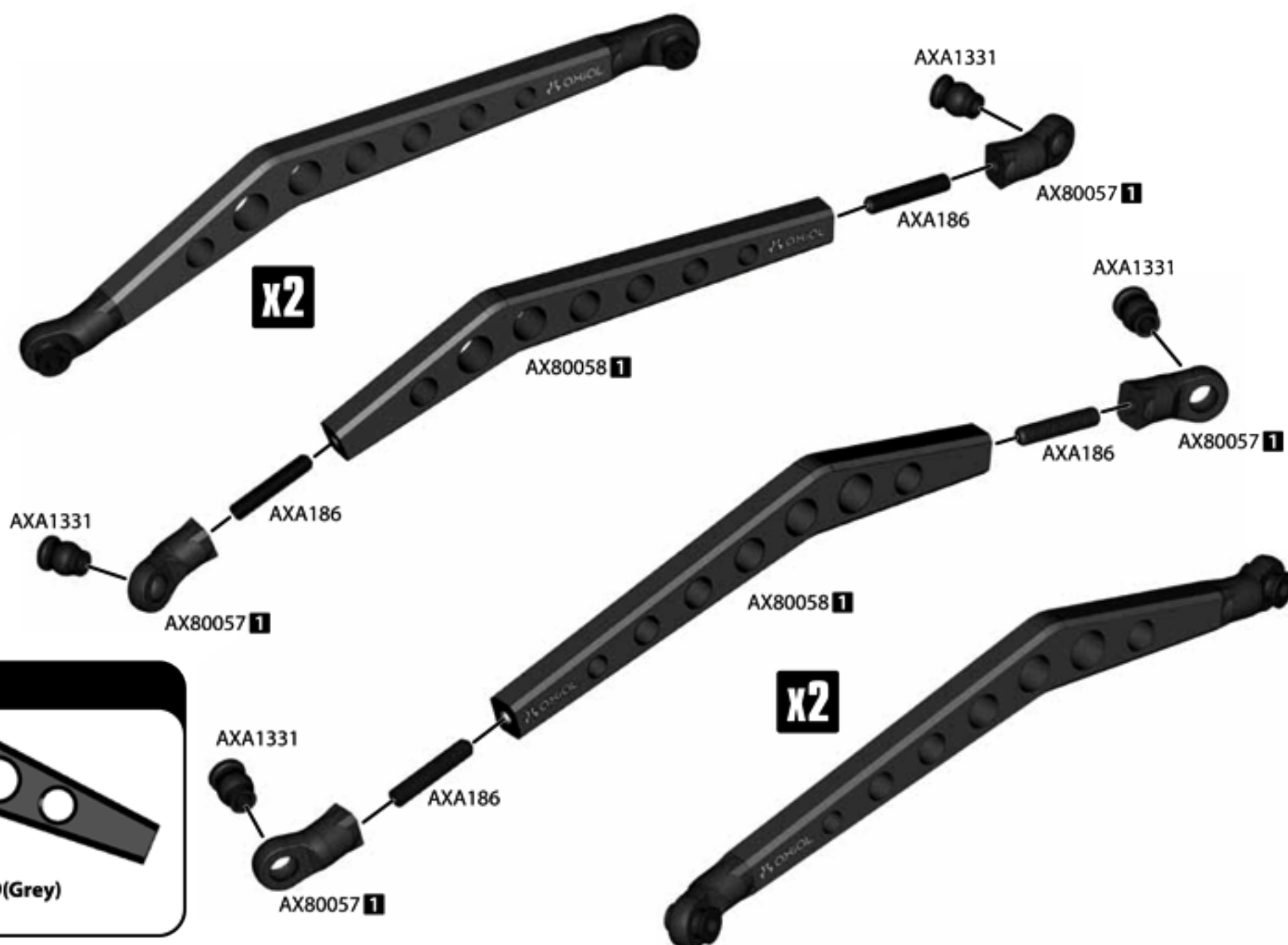
AX30720 **x2**
Threaded aluminum Pipe 7x94mm



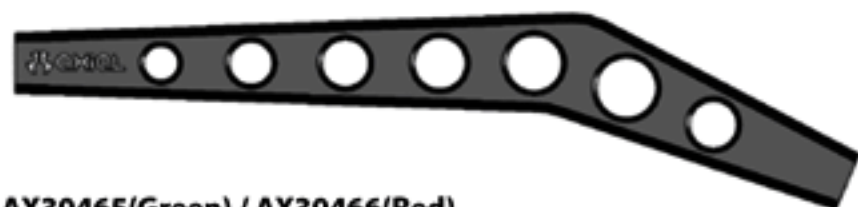
AXA186 x8
M3x16mm Set Screw



AXA1331 **x8**
Flanged Ball 3x5.8x7mm

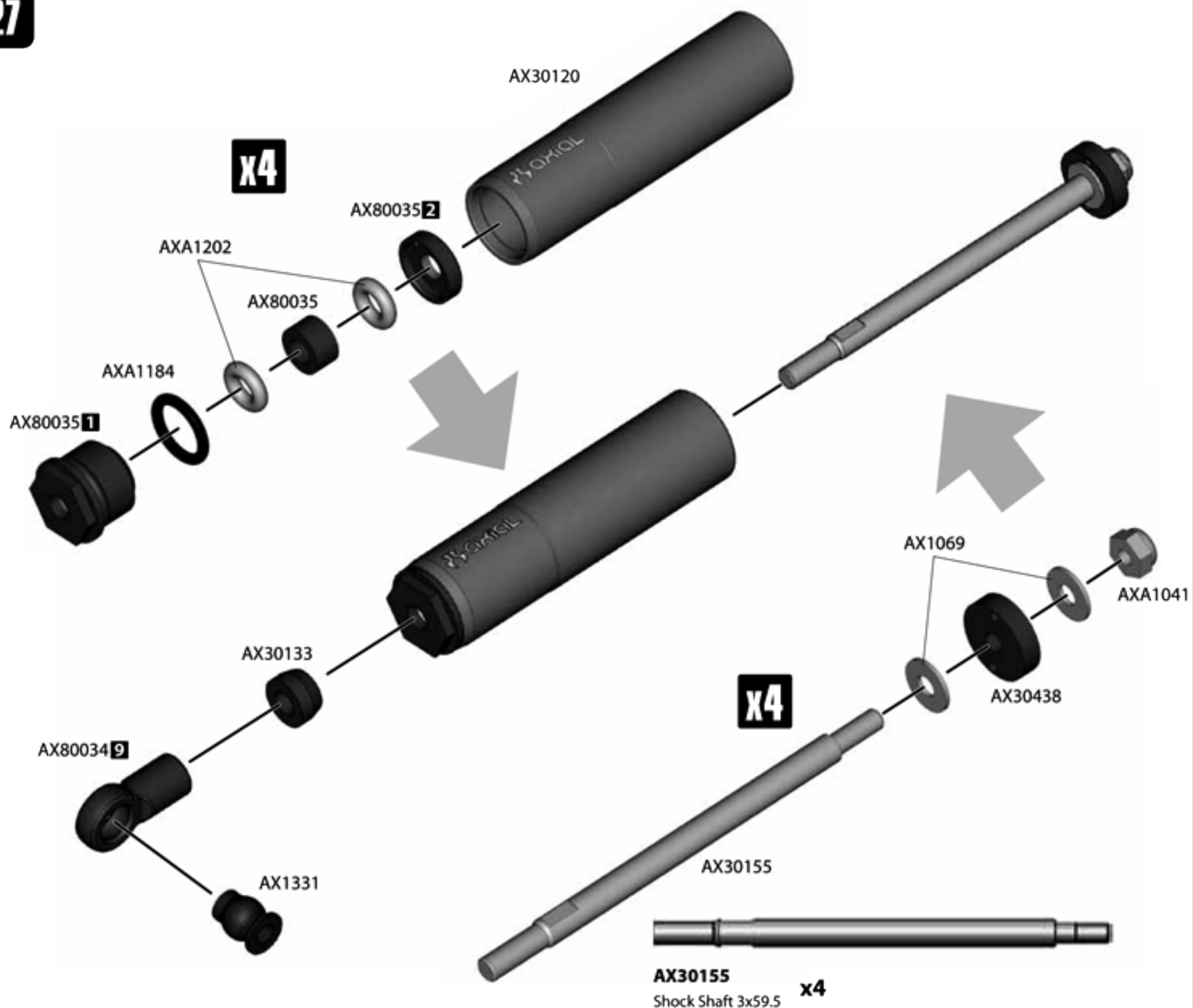


Option Parts

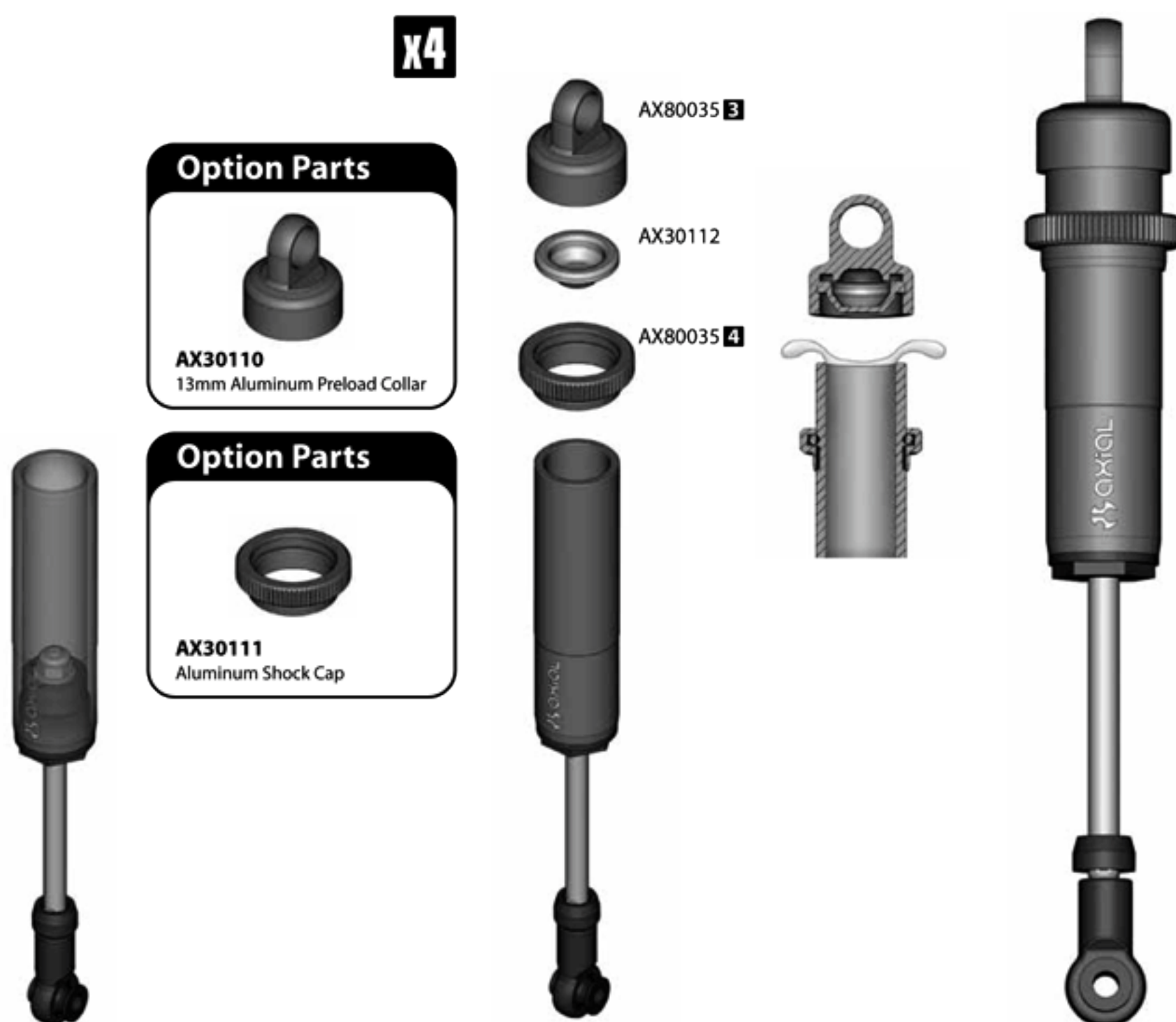


AX30465(Green) / AX30466(Red)
AX30467(Blue) / AX30468(Orange) / AX30469(Grey)
 Machined Hi-Clearance Links Set

-  **AXA1041**
M2.5 Nylon Lock Nut **x4**
-  **AXA1069**
Washer 2.7x6.7x0.5mm **x8**
-  **AXA1184**
O-Ring 7.5x1.5mm **x4**
-  **AXA1202**
O-Ring 3.5x2mm **x8**
-  **AXA1331**
Flanged Ball 3x5.8x7mm **x4**
-  **AX30113**
Rubber Bump Stop 3.6x7x4 **x4**
-  **AX30438**
10mm Machined Piston **x4**



-  **AX30112**
Shock Diaphragm 13x4.5mm **x4**





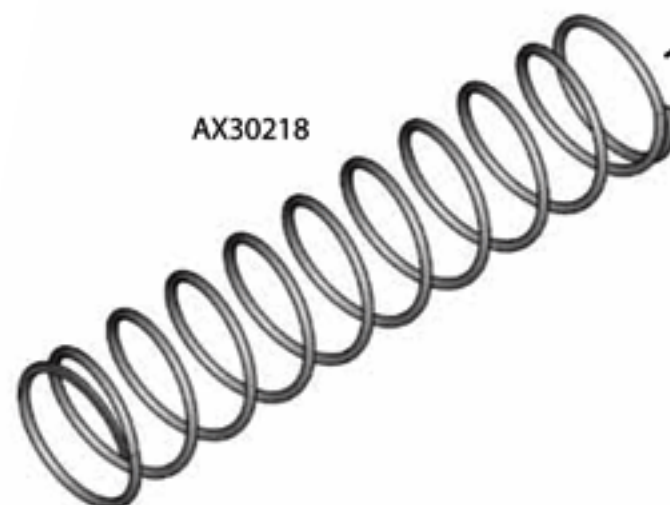
AXA1356
Silicone Shock Bushing 7.5x8mm **x4**

29

AX80034 **6**



AX30218



x4



AXA1356

Option Parts



AX30218
Spring 14x70mm 2.07 lbs-in - Super Soft

AX30219
Spring 14x70mm 2.47 lbs-in - Soft

AX30220
Spring 14x70mm 2.85 lbs-in - Medium

AX30221
Spring 14x70mm 2.85 lbs-in - Medium

AX30222
Spring 14x70mm 3.55 lbs-in- Super Firm

Pistons

Standard Pistons

Provides the same dampening rate on both compression and extension

AX80033 **2** **Soft**
(2) 1.3mm holes



AX80033 **3** **Medium**
(3) 1.2mm holes



AX80033 **4** **Firm**
(3) 1.1mm holes



Less

More

Dampening

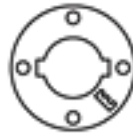
Variable Rate Pistons

Provides a different dampening rate depending on which direction you install.

AX80033 **5**



AX80033 **6**



AX80033 **5**



AX80033 **6**

Install this direction for faster rebound and slower compression



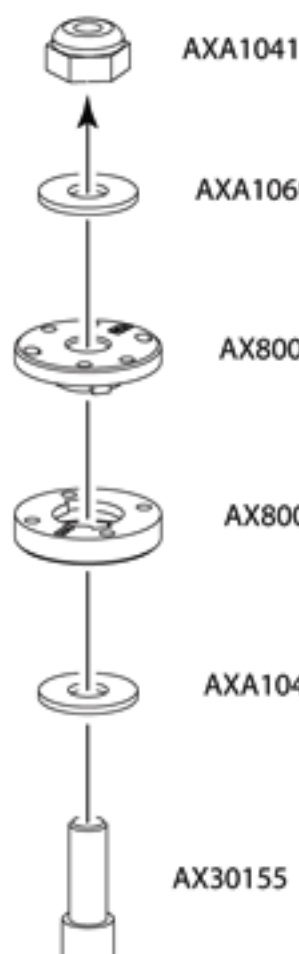
AX80033 **6**



AX80033 **5**

Install this direction for Slower rebound and faster compression

Installation



Springs/Oil



Springs

Depending on the application you may want a firmer spring than what is included. Selecting a spring rate is based on each vehicles weight and handling and usually will require some trial and error.

For rock crawling applications it is recommended to use a stiffer spring on which ever corner is exhibiting torque twist.

Oil

Oils are another element you can use to tune the handling of your vehicle. You want an oil that allows the vehicle to handle the terrain well, but not too thin as to exhibit a springy bounce while driving.

We recommend starting with a good 30 wt. silicone oil. If you are looking for a faster rebound/compression rate use a lower weight oil. If you are looking for a slower rebound compression rate use a higher weight oil.

10wt.

100wt.

Faster **Dampening** Slower



AXA121
M3x30mm Hex Socket Button Head x1



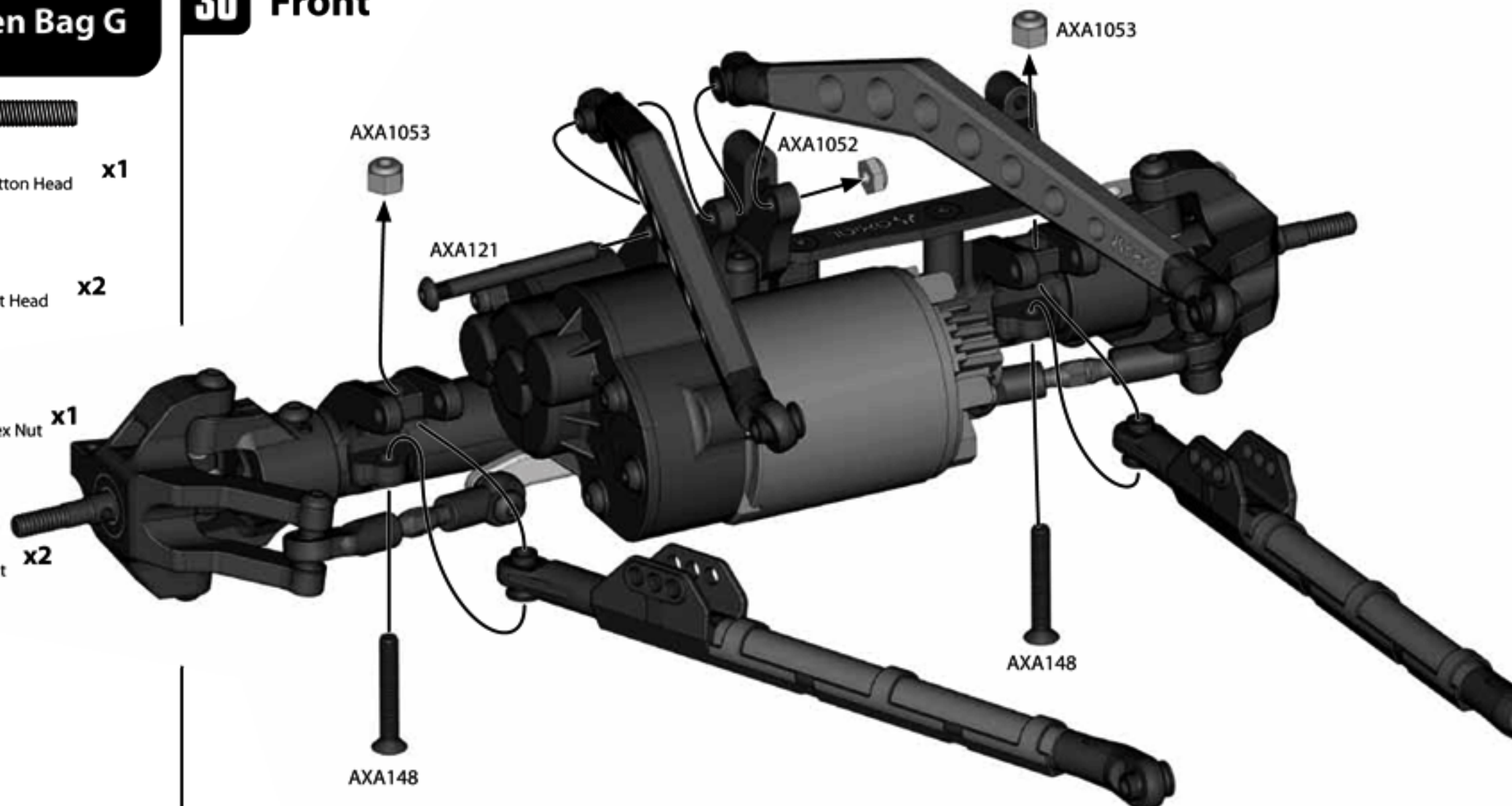
AXA148
M3x18mm Hex Socket Flat Head x2



AXA1052
M3 Thin Nylon Locking Hex Nut x1



AXA1053
M3 Nylon Locking Hex Nut x2



AXA118
M3x18mm Hex Socket Button Head x2

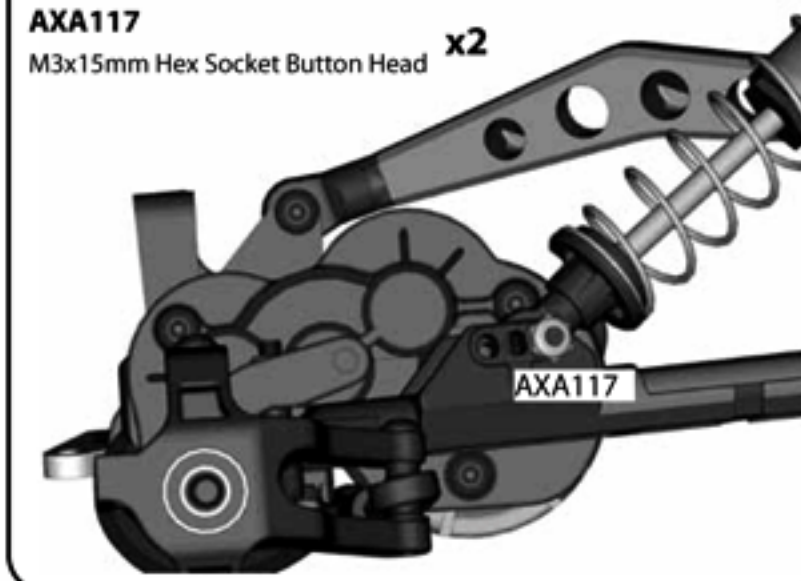


AXA1052
M3 Thin Nylon Locking Hex Nut x2

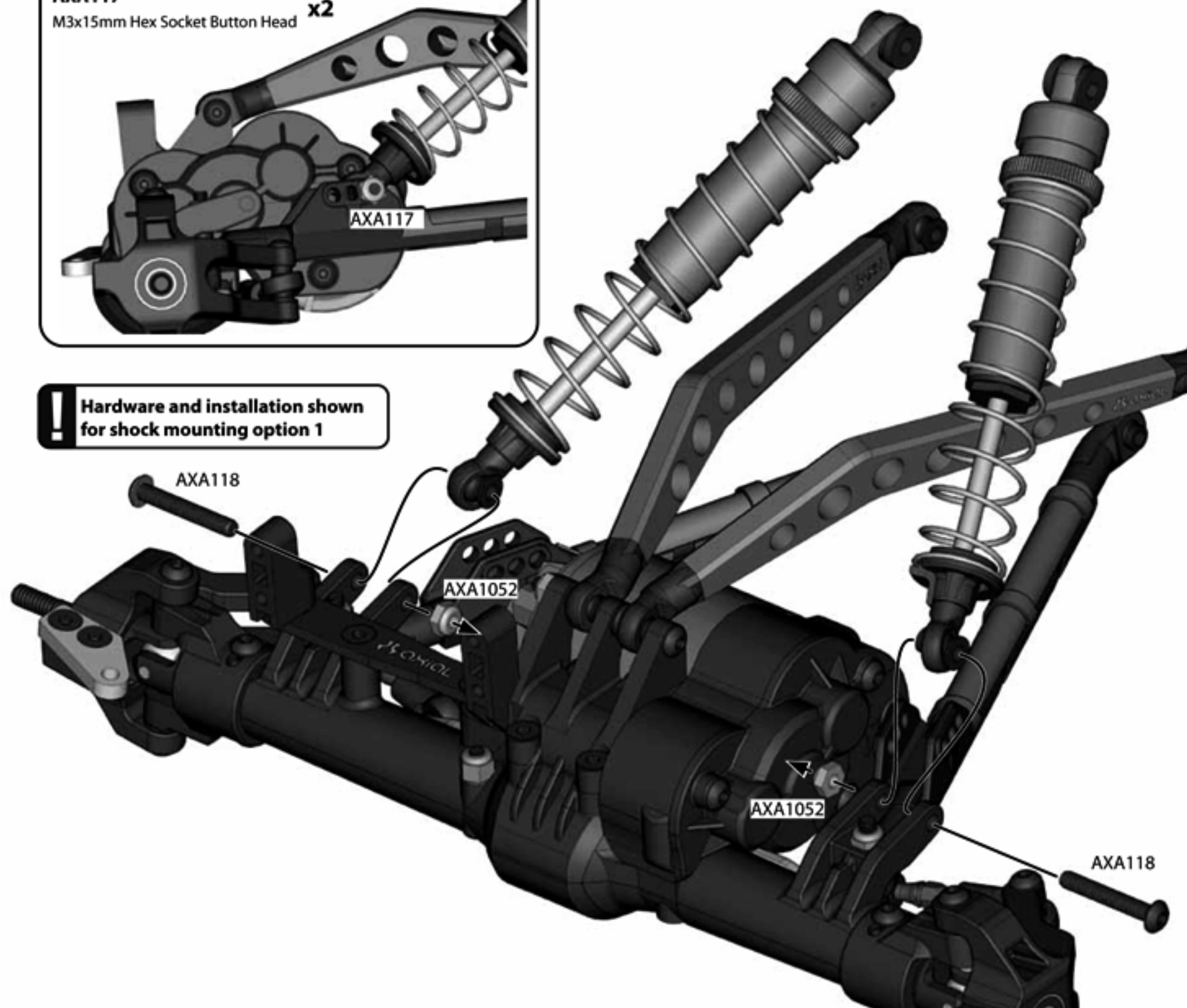
Shock Mounting Option

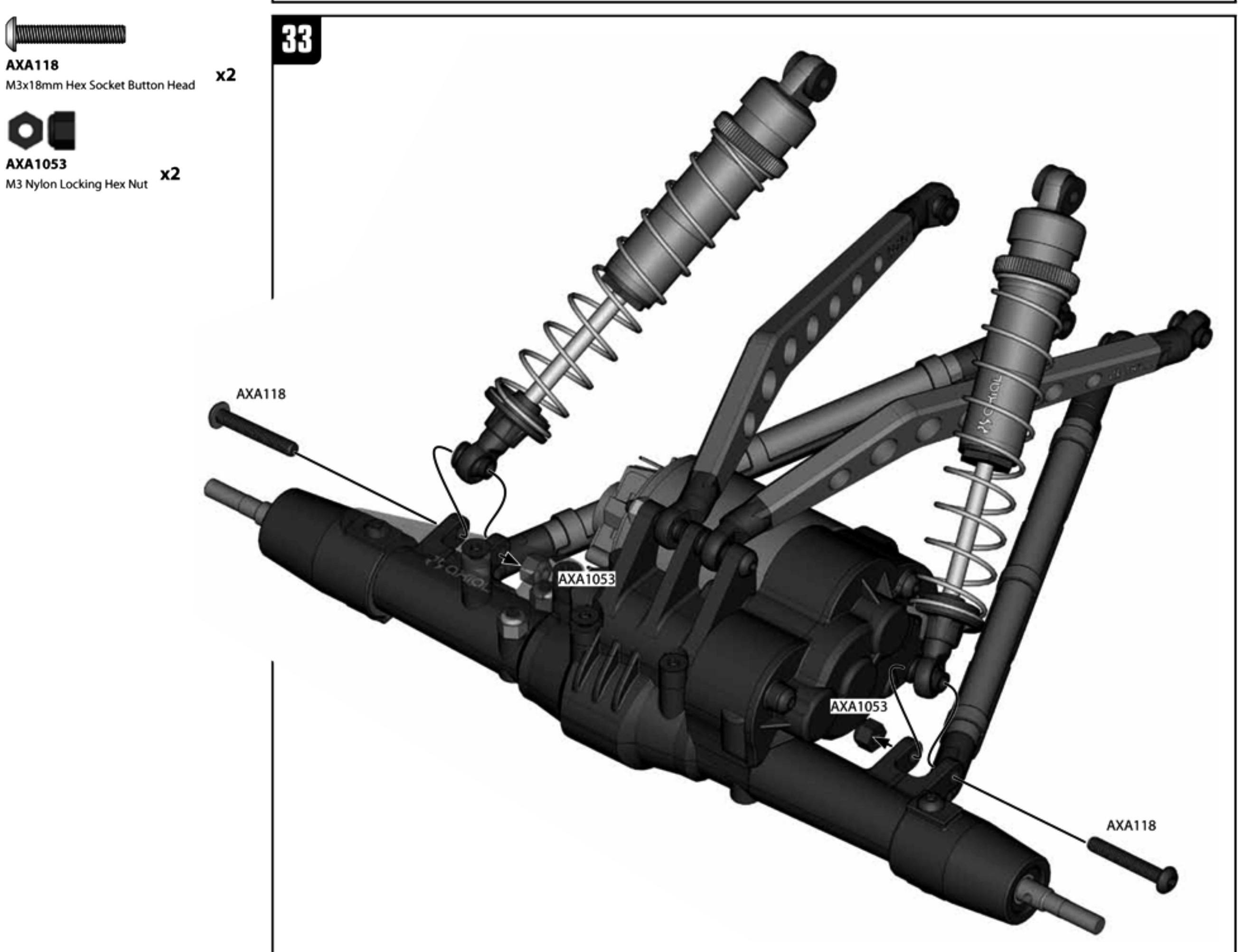
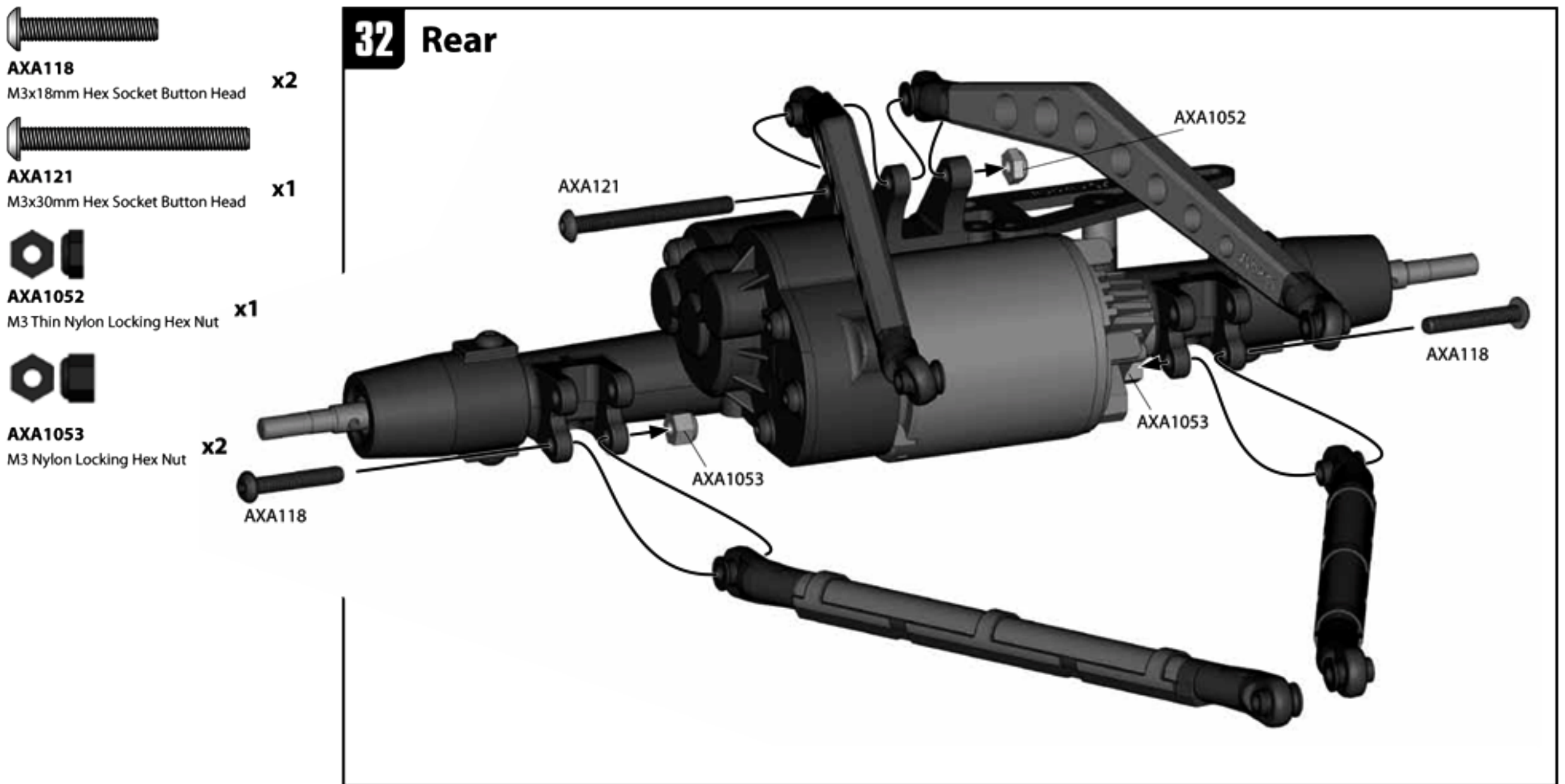


AXA117
M3x15mm Hex Socket Button Head x2



Hardware and installation shown for shock mounting option 1







AXA144
M3x8mm Hex Socket Flat Head **x1**



AXA1105
Cone Washer 3x7x2mm **x1**

34

AX80006 **7**
23

Airtronics / JR / KO

AX80006 **6**
24

Hitec

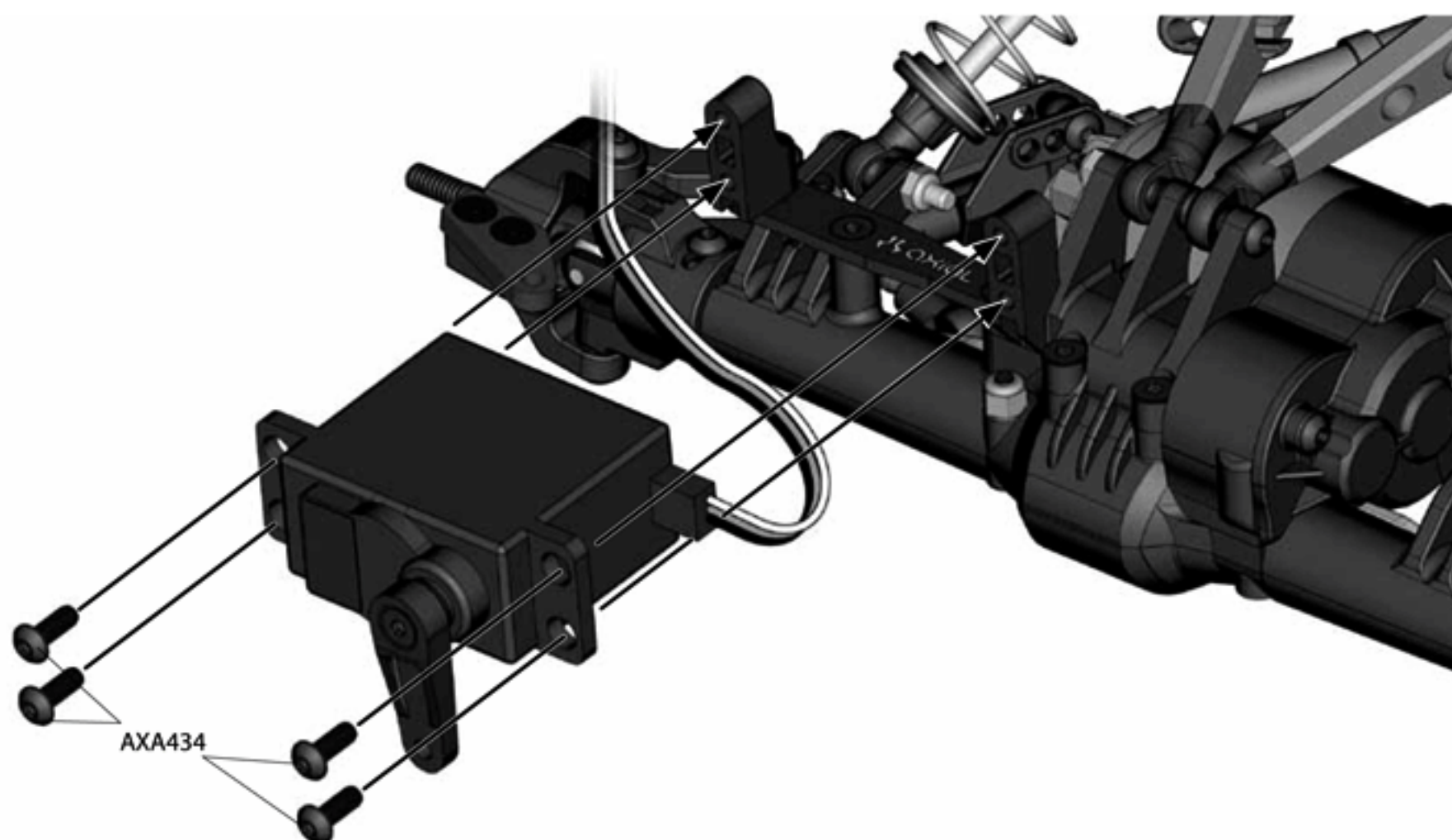
AX80006 **5**
25

Futaba



AXA434
M3x8mm Hex Socket Tapping Button Head **x4**

35



AXA117
M3x15mm Hex Socket Button Head **x2**



AXA1053
M3 Nylon Locking Hex Nut **x2**

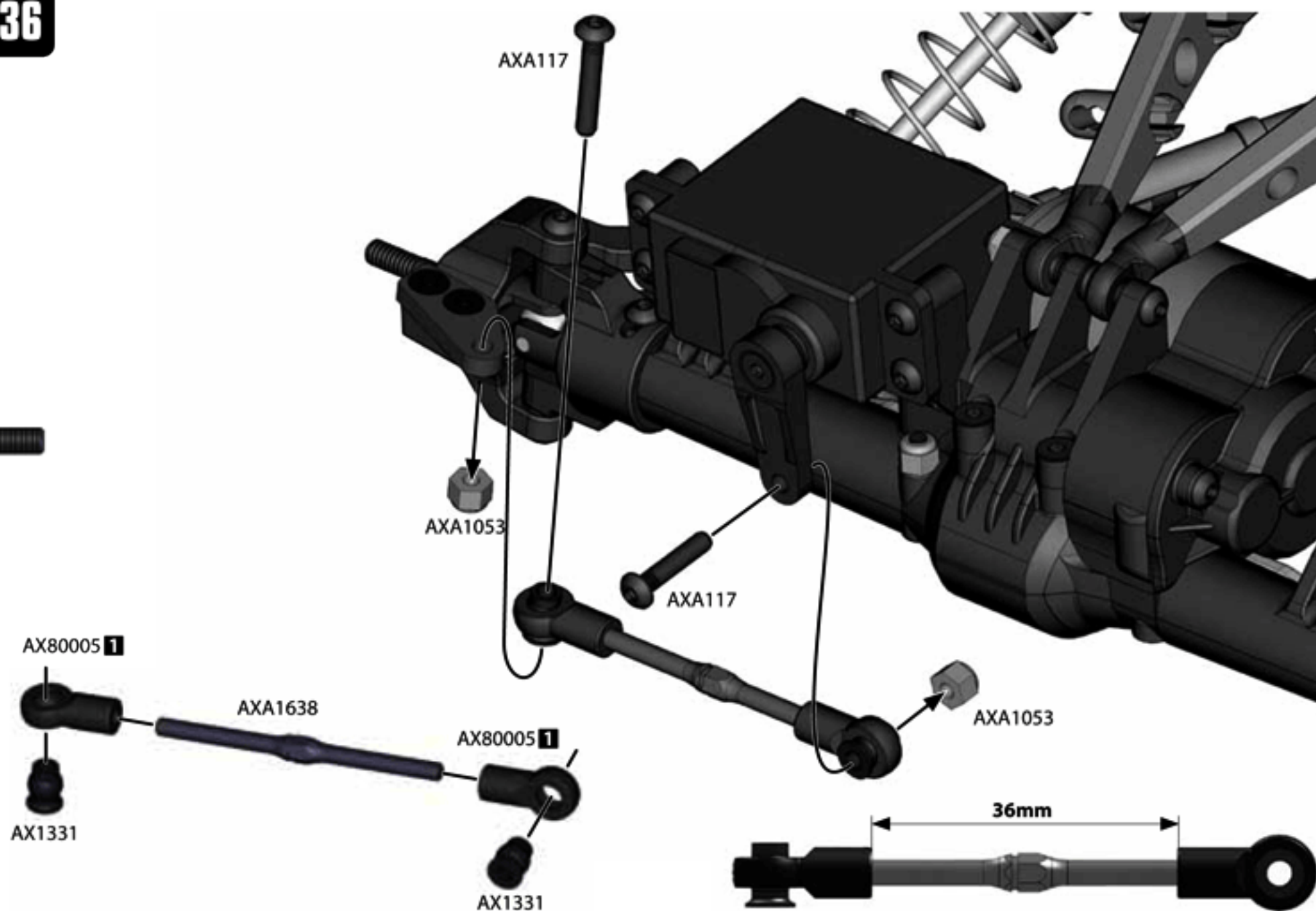


AXA1331
Flanged Ball 3x5.8x7mm **x2**



AXA1638
M3x50 Turnbuckle **x1**

36





AXA115
M3x10mm Hex Socket Button Head **x4**



AXA118
M3x18mm Hex Socket Button Head **x4**



AXA1040
M3 Thin Hex Nut **x4**



AXA1052
M3 Thin Nylon Locking Hex Nut **x4**

AXA1040



AX30561

AXA118

AXA118

AX30561

AXA1040

AX30562B

**Note direction of AX30562A/B
when installing AX30561**

AXA1040



AXA118

AXA1052



AXA118

AXA1040



AX30561

AXA115



AX30562A

Option Parts



AX30752
XR10 Carbon Fiber Shock Mounts



AXA117
M3x15mm Hex Socket Button Head **x2**



AXA464
M3x8mm Hex Socket Tapping Flat Head **x4**



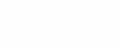
AXA1052
M3 Thin Nylon Locking Hex Nut **x2**

Option Parts



AX30774
Carbon Fiber XR10 Battery Plate

AXA1052



AX80056 **1**

AX80056 **2**

AXA117



AX30562B

AXA464

Option Parts



AX30750
XR10 Carbon Fiber Chassis Plate Set

39



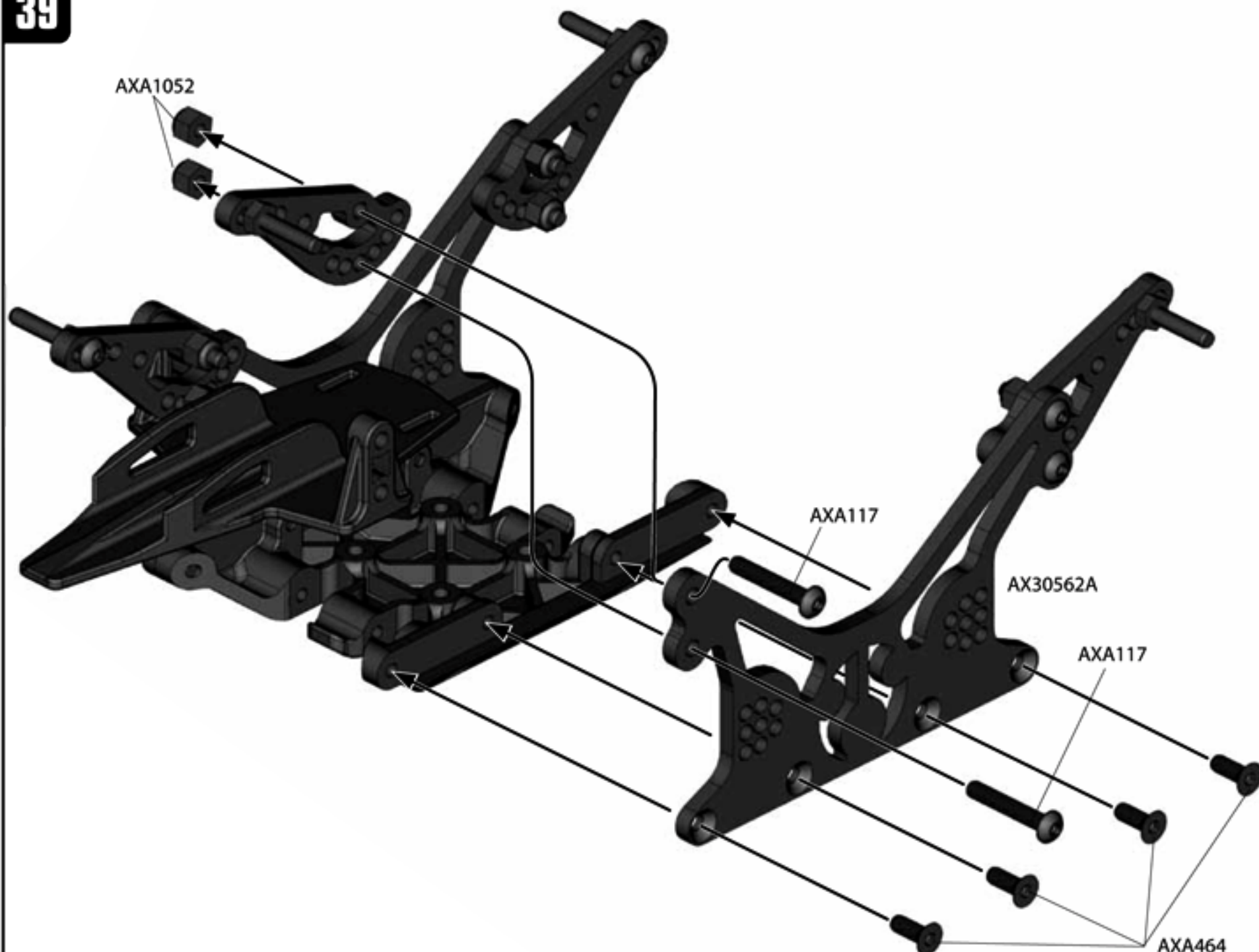
AXA117
M3x15mm Hex Socket Button Head **x2**



AXA464
M3x8mm Hex Socket Tapping Flat Head **x4**



AXA1052
M3 Thin Nylon Locking Hex Nut **x2**



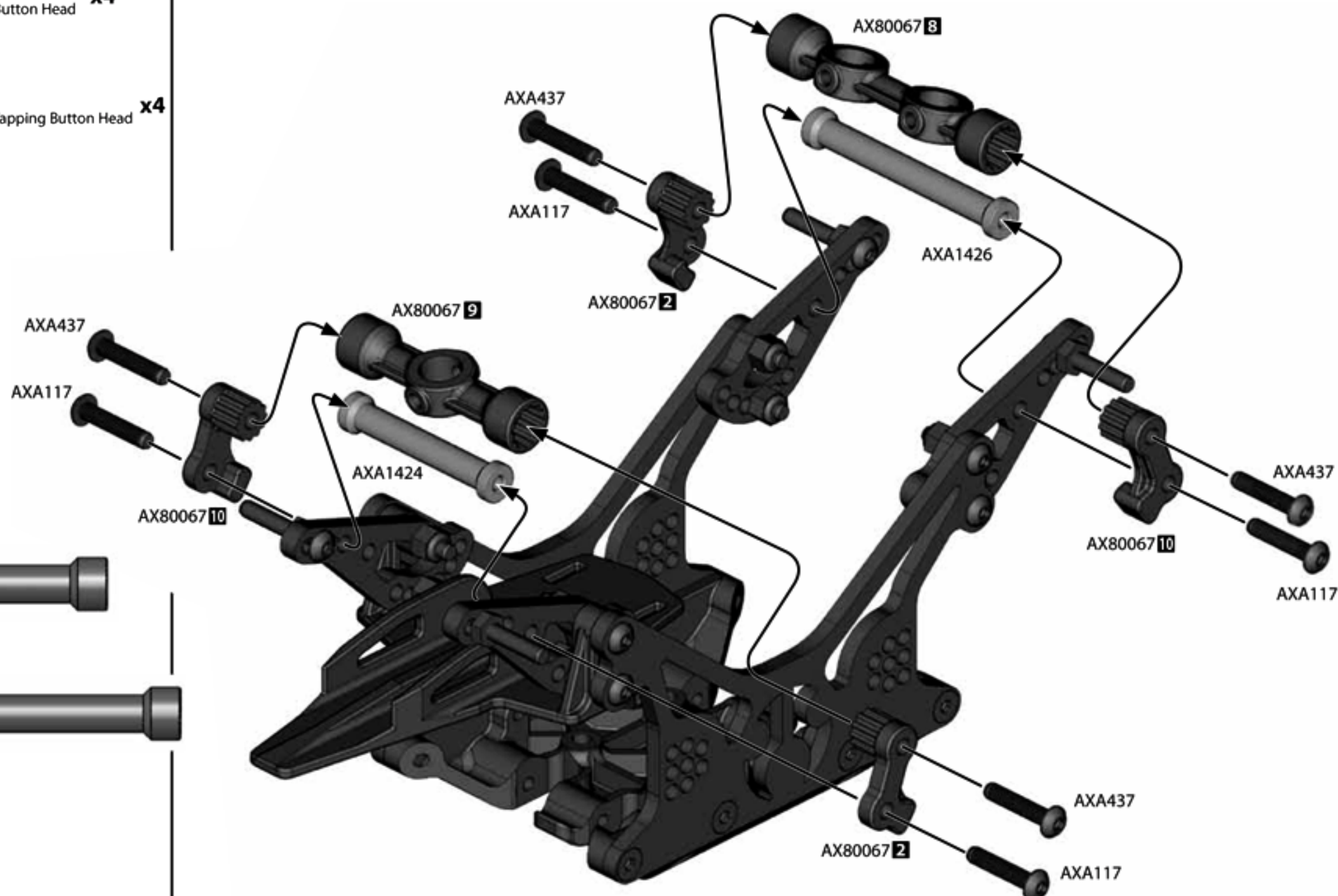
40



AXA117
M3x15mm Hex Socket Button Head **x4**



AXA437
M3x15mm Hex Socket Tapping Button Head **x4**

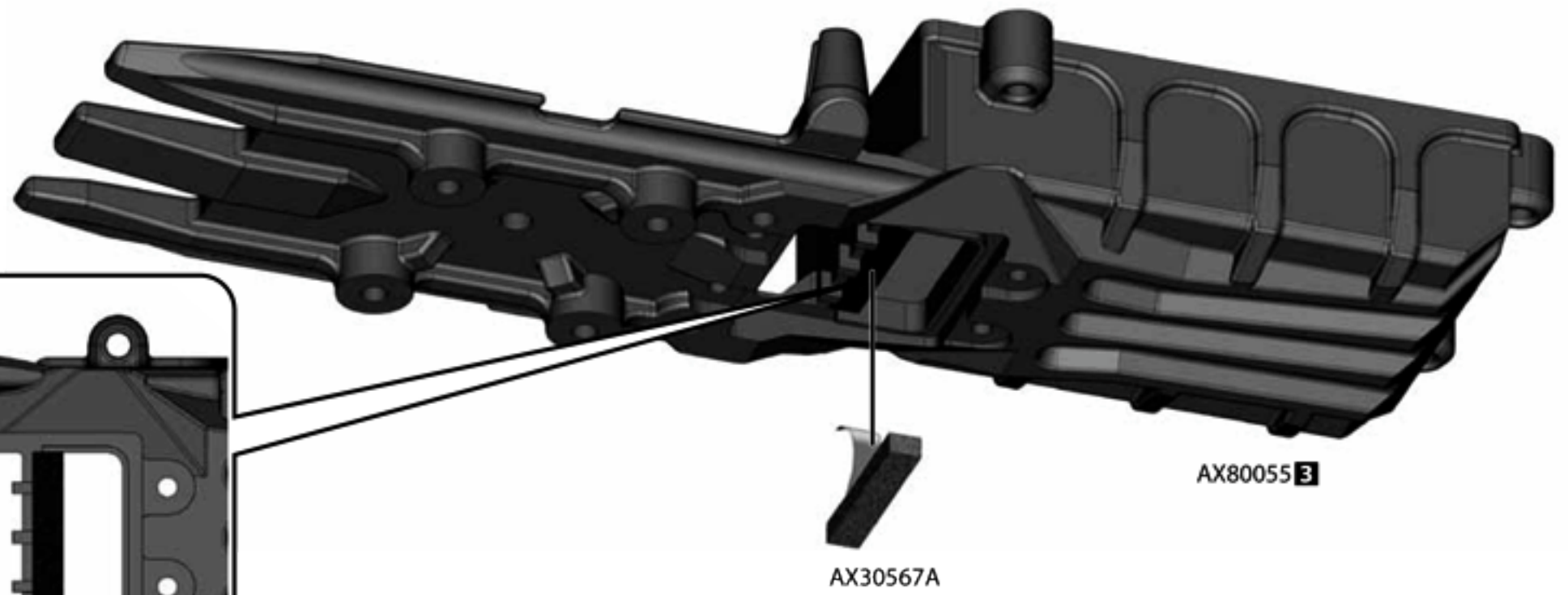
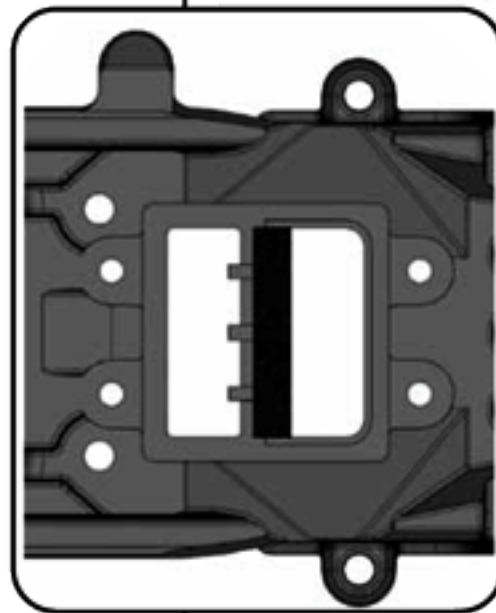


AXA1424
7x35mm Post **x1**



AXA1426
7x45mm Post **x1**

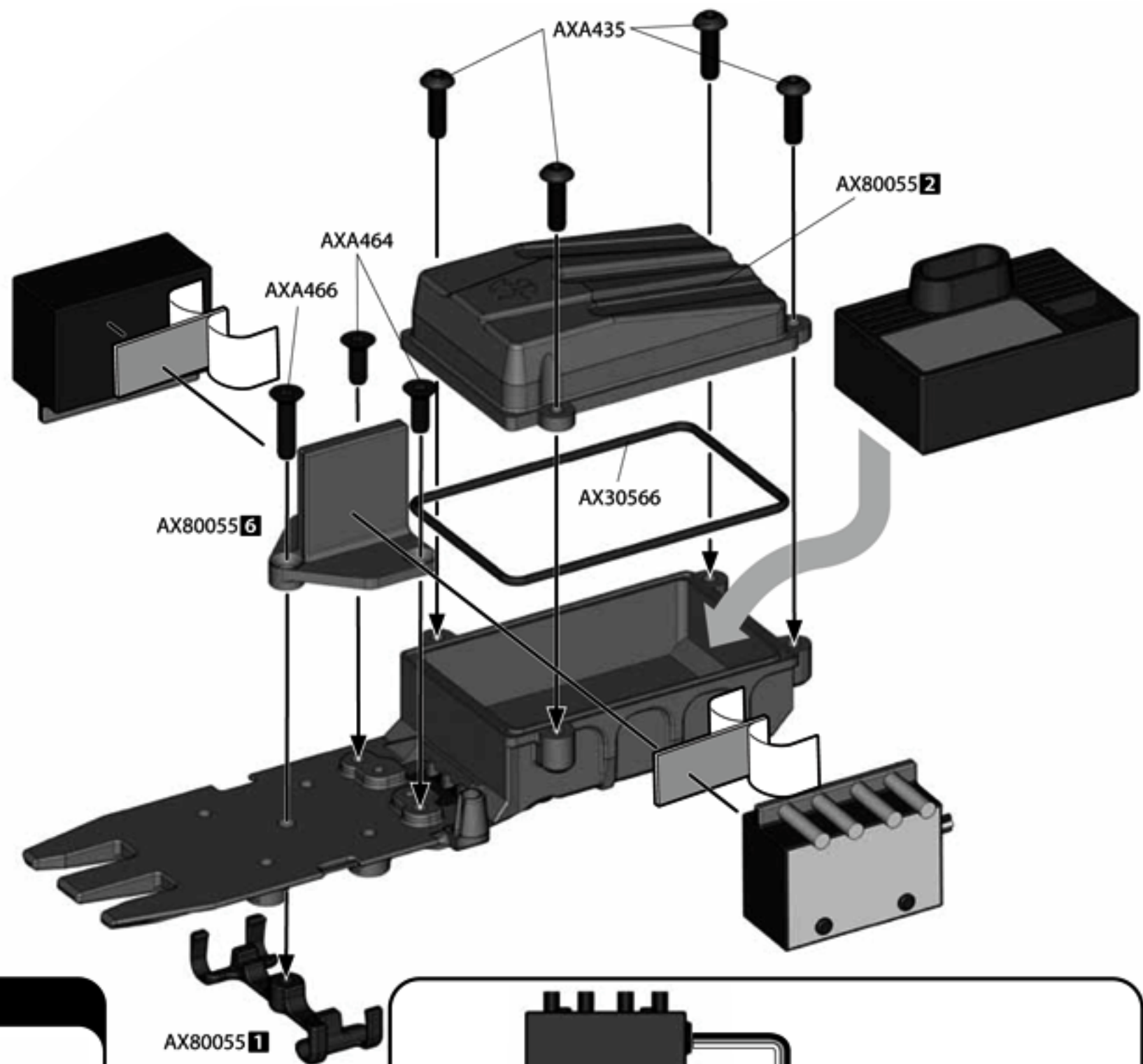
41



-  **AXA435**
M3x10mm Tapping **x4**
-  **AXA464**
M3x8mm Tapping **x2**
-  **AXA466**
M3x12mm Tapping **x1**

42

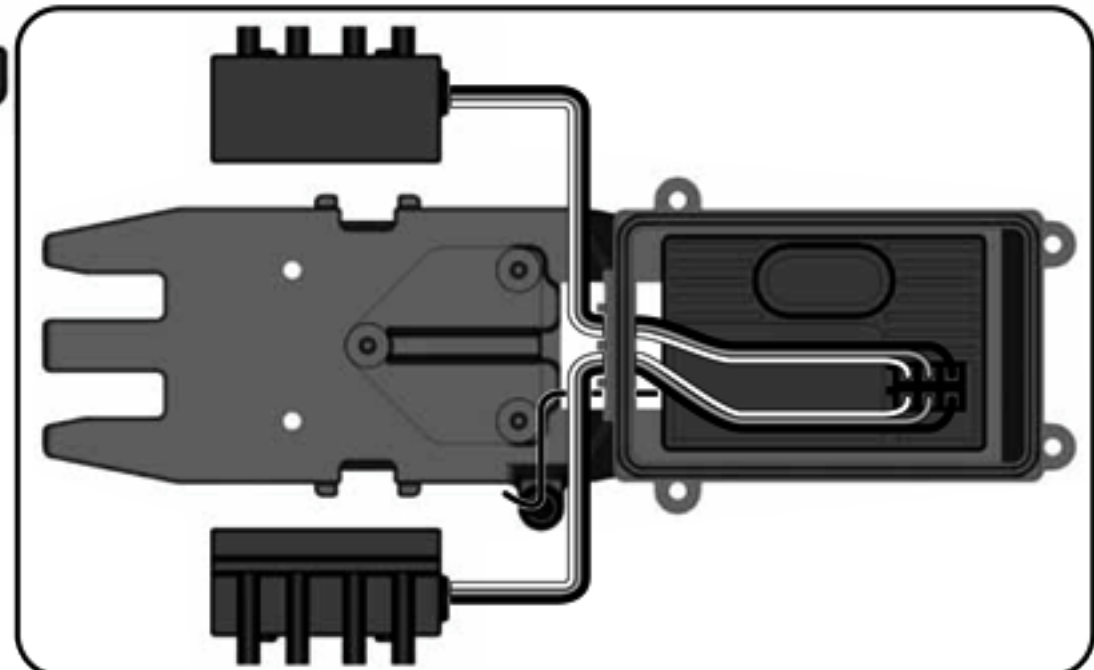
Optional ESC Mounting for single ESC,
or ESC with larger mounting area



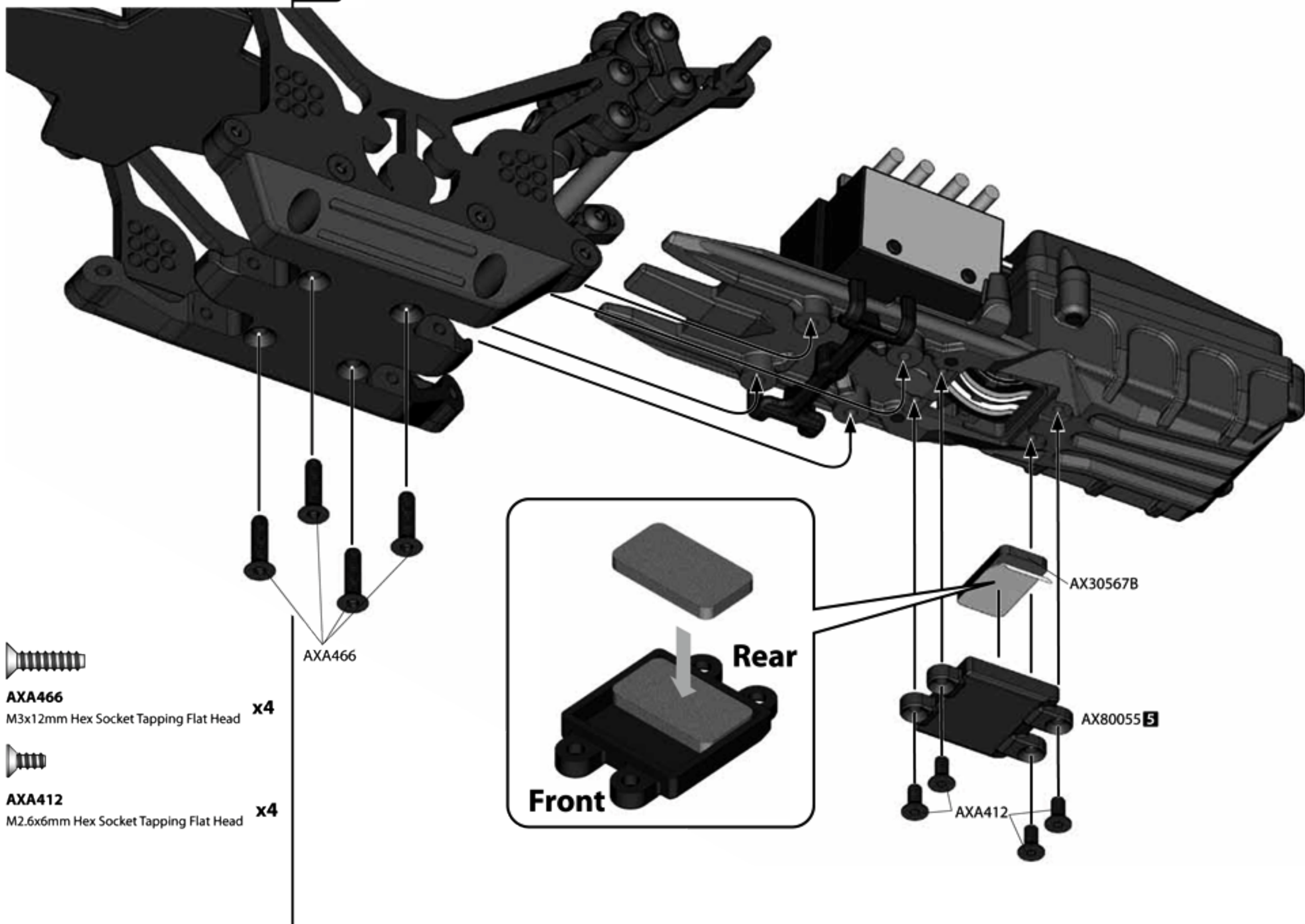
Option Parts



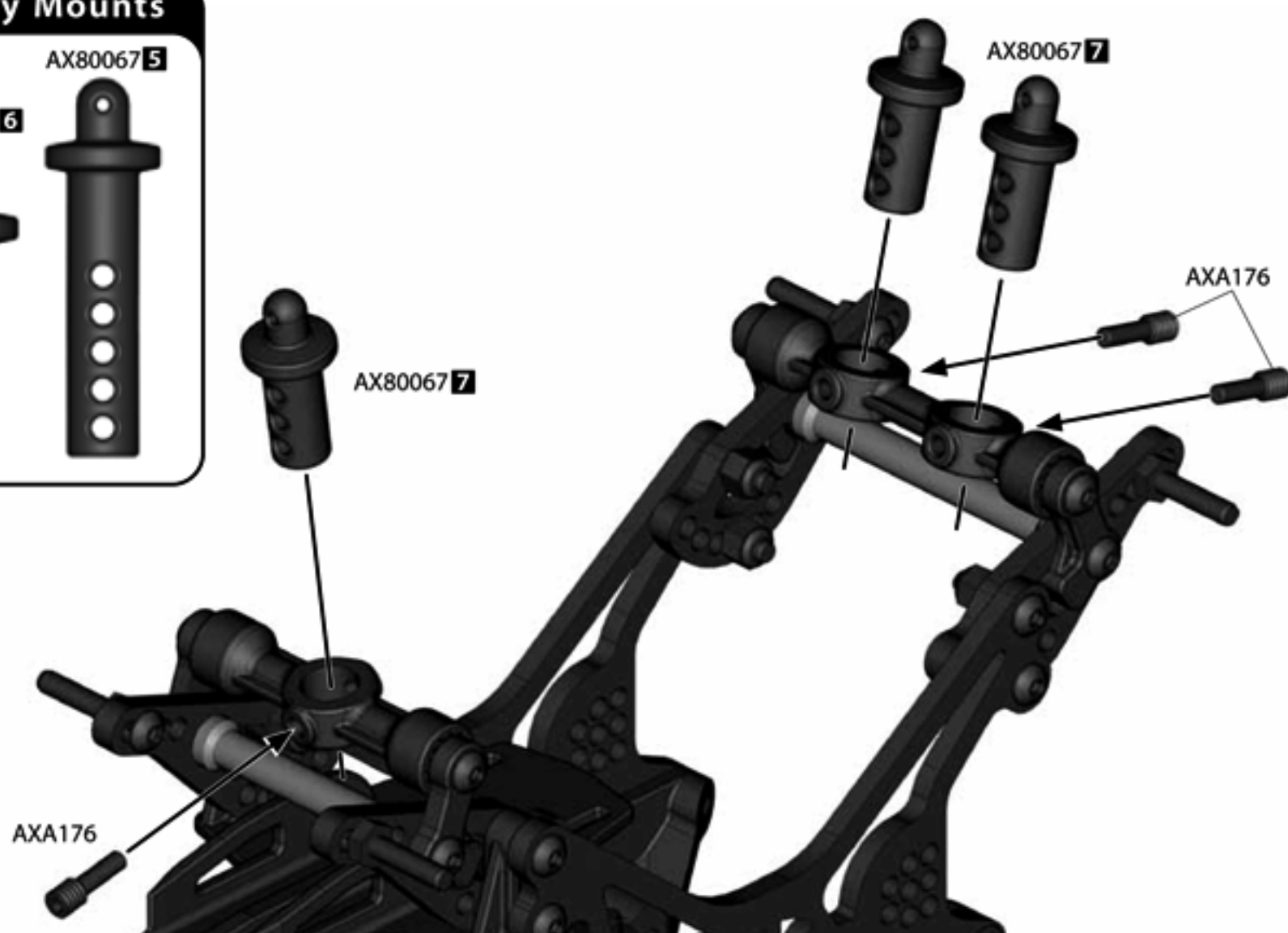
AX30772
Carbon Fiber XR10 Electronics Plate



43



44



45 Front



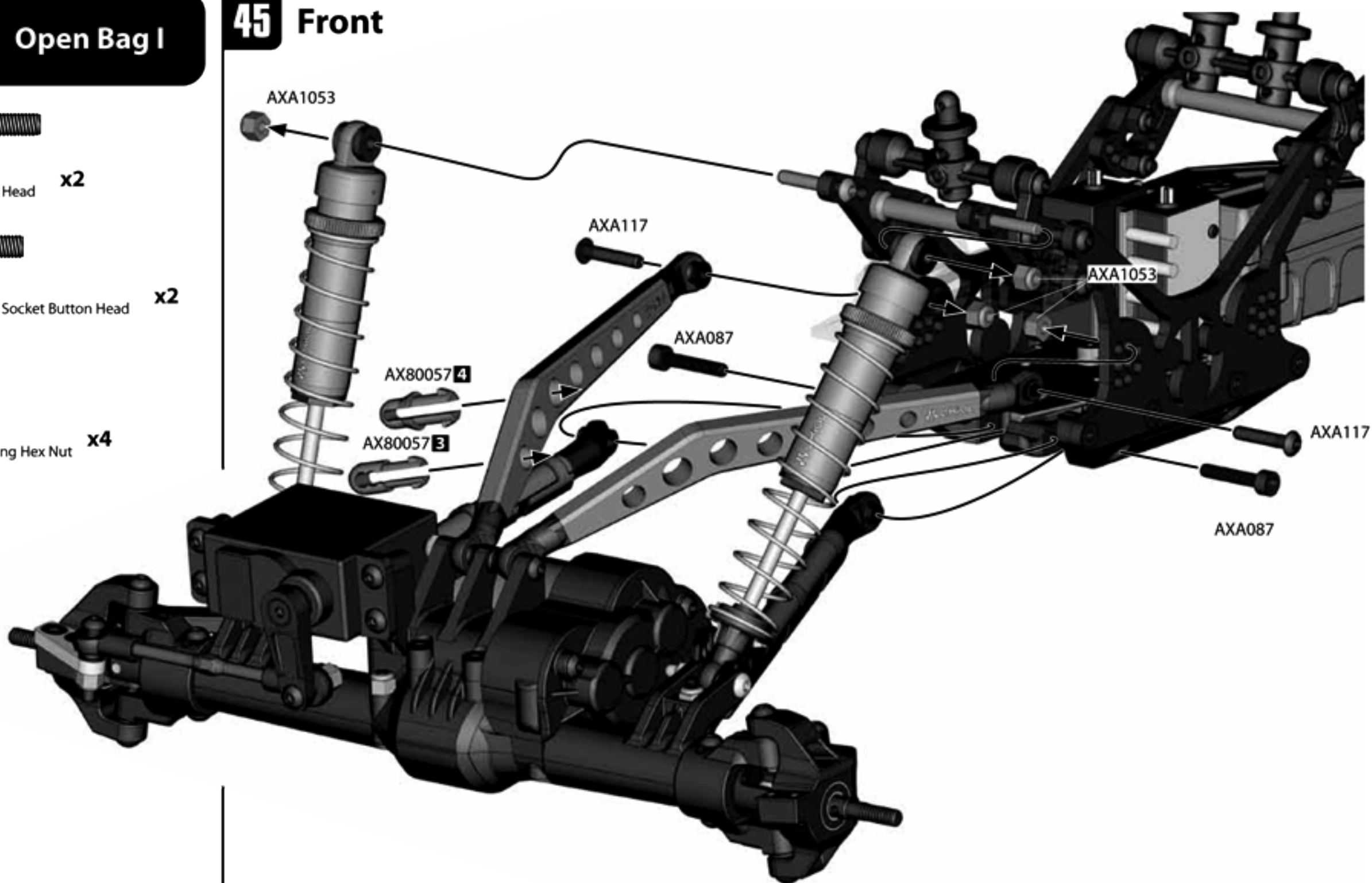
AXA087
M3x16mm Cap Head **x2**



AXA117
M3x15mm Hex Socket Button Head **x2**



AXA1053
M3 Nylon Locking Hex Nut **x4**



AXA087
M3x16mm Cap Head **x2**



AXA119
M3x20mm Hex Socket Button Head **x2**

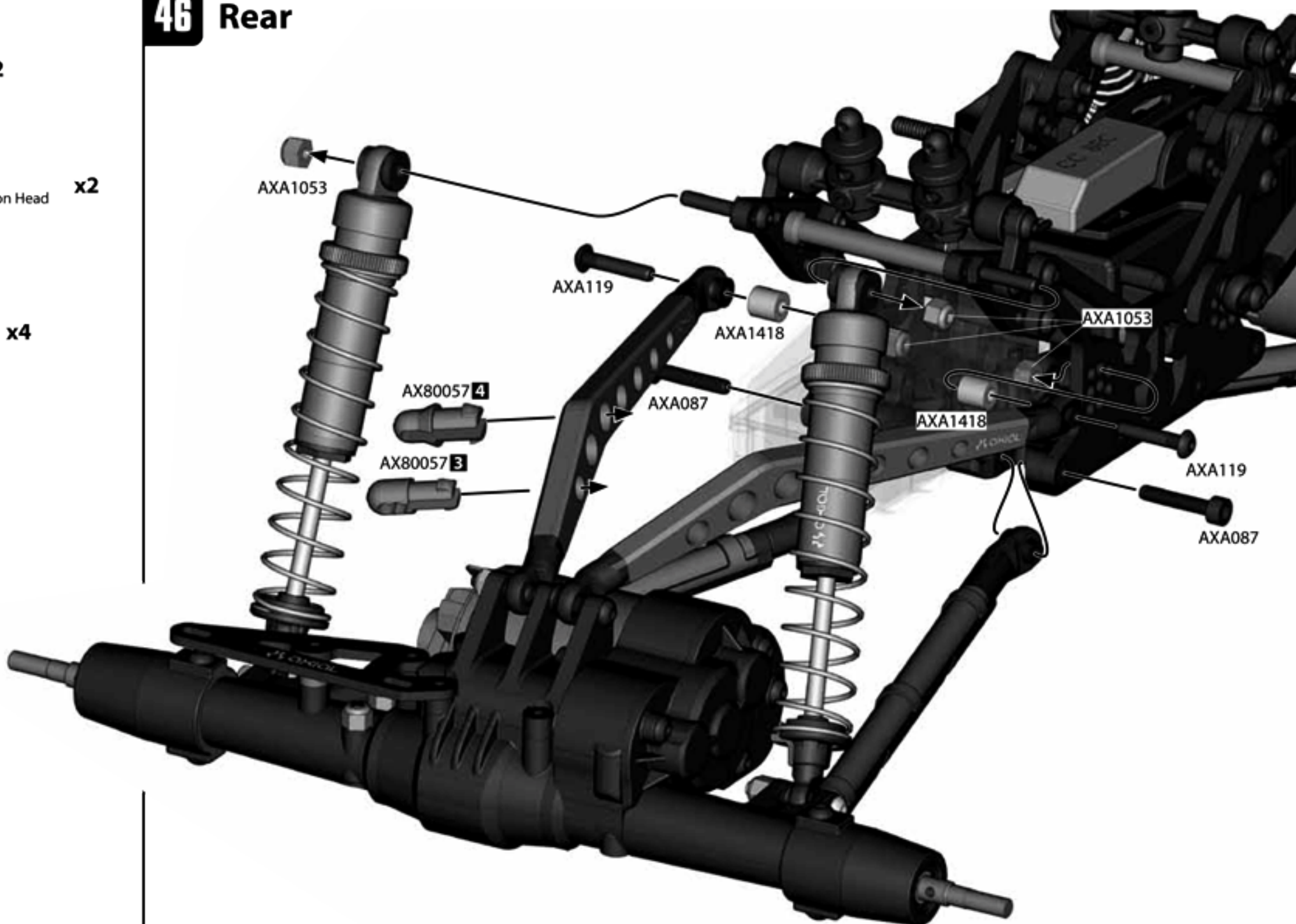


AXA1053
M3 Nylon Locking Hex Nut **x4**



AXA1418
6x6x3mm Spacer **x2**

46 Rear





AXA149
M3x20mm Hex Socket Flat Head **x4**

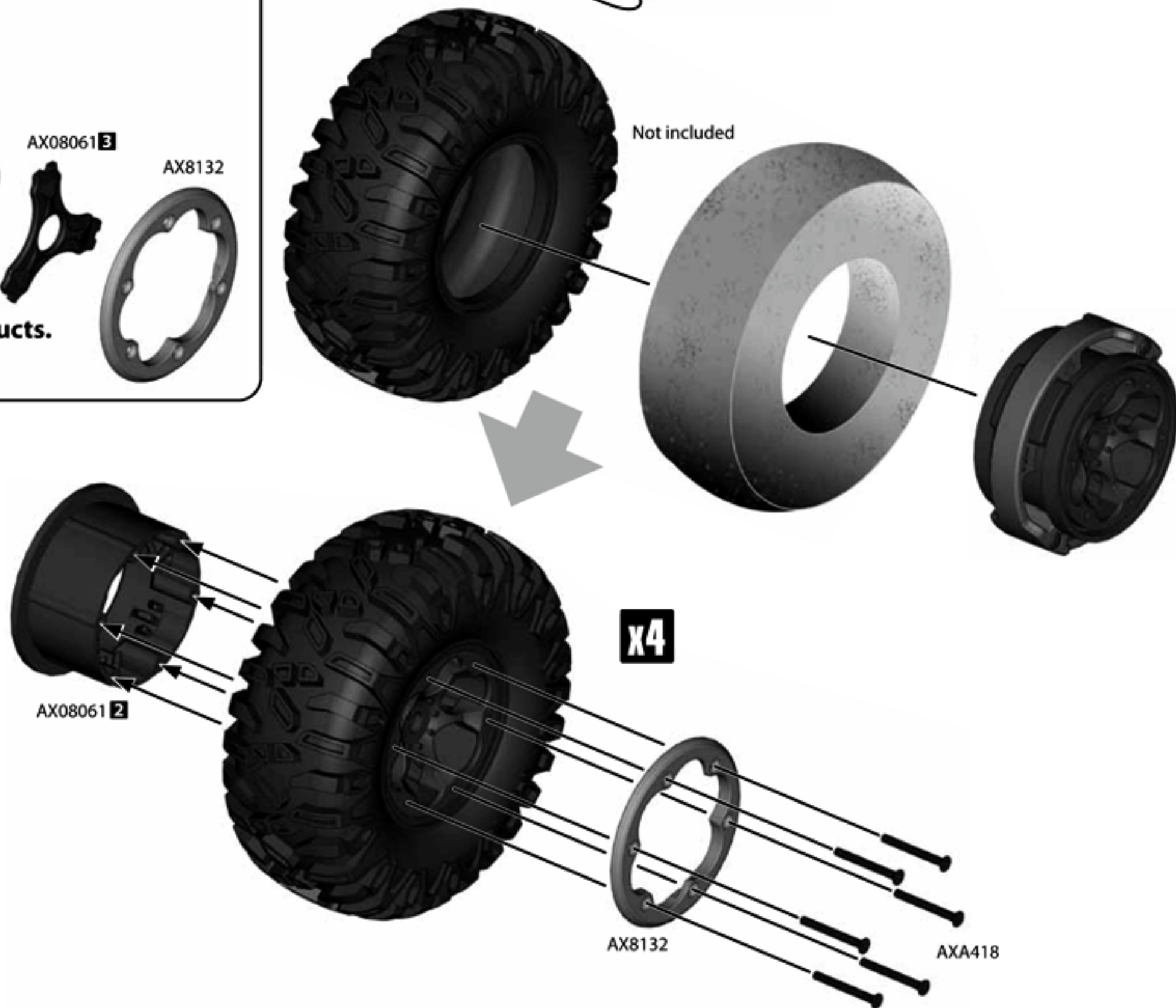
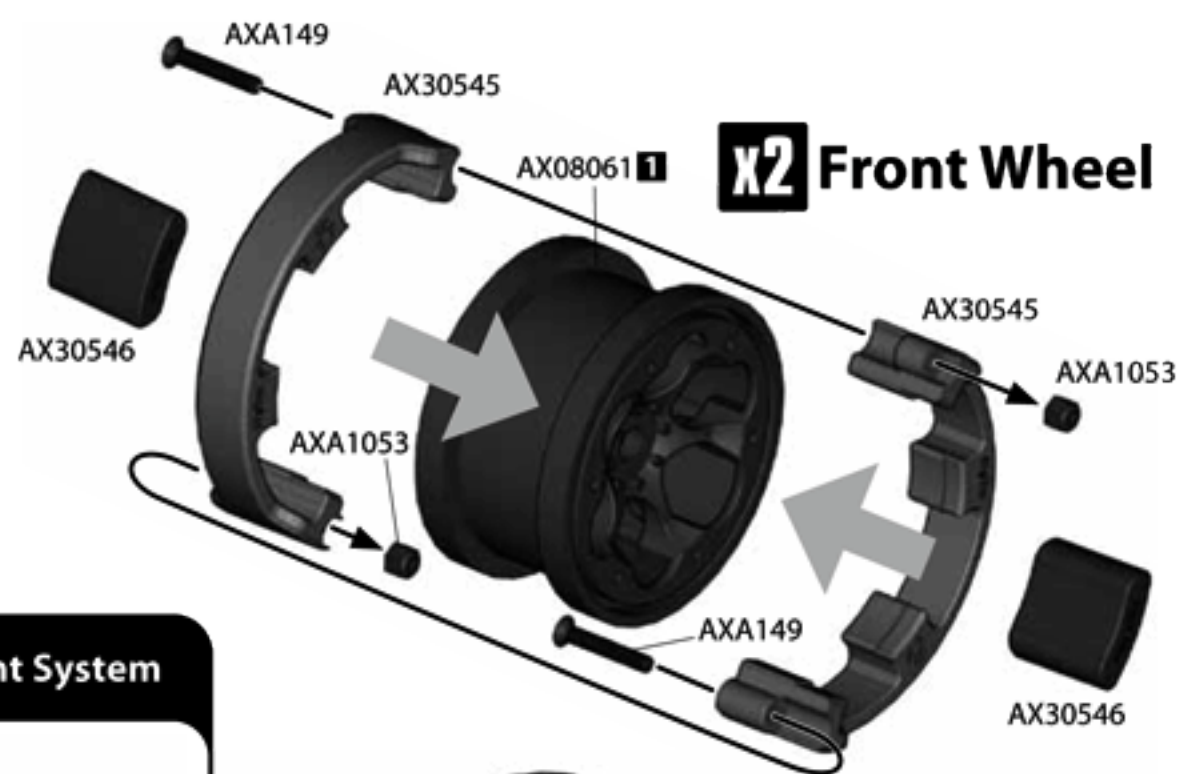


AXA418
M2.6x25mm Hex Socket Tapping Flat Head **x24**



AXA1053
M3 Nylon Locking Hex Nut **x4**

Optional External Vanquish Products Weight System



VANQUISH
PRODUCTS
HIGH QUALITY AFTER-MARKET ACCESSORIES

FREE

Team VP T-Shirt

With the purchase of \$30 or more (\$15 Value)
visit the Vanquish website for more details

→ WWW.VANQUISHPRODUCTS.COM

AXA180
M3x3mm Set Screw **x4**

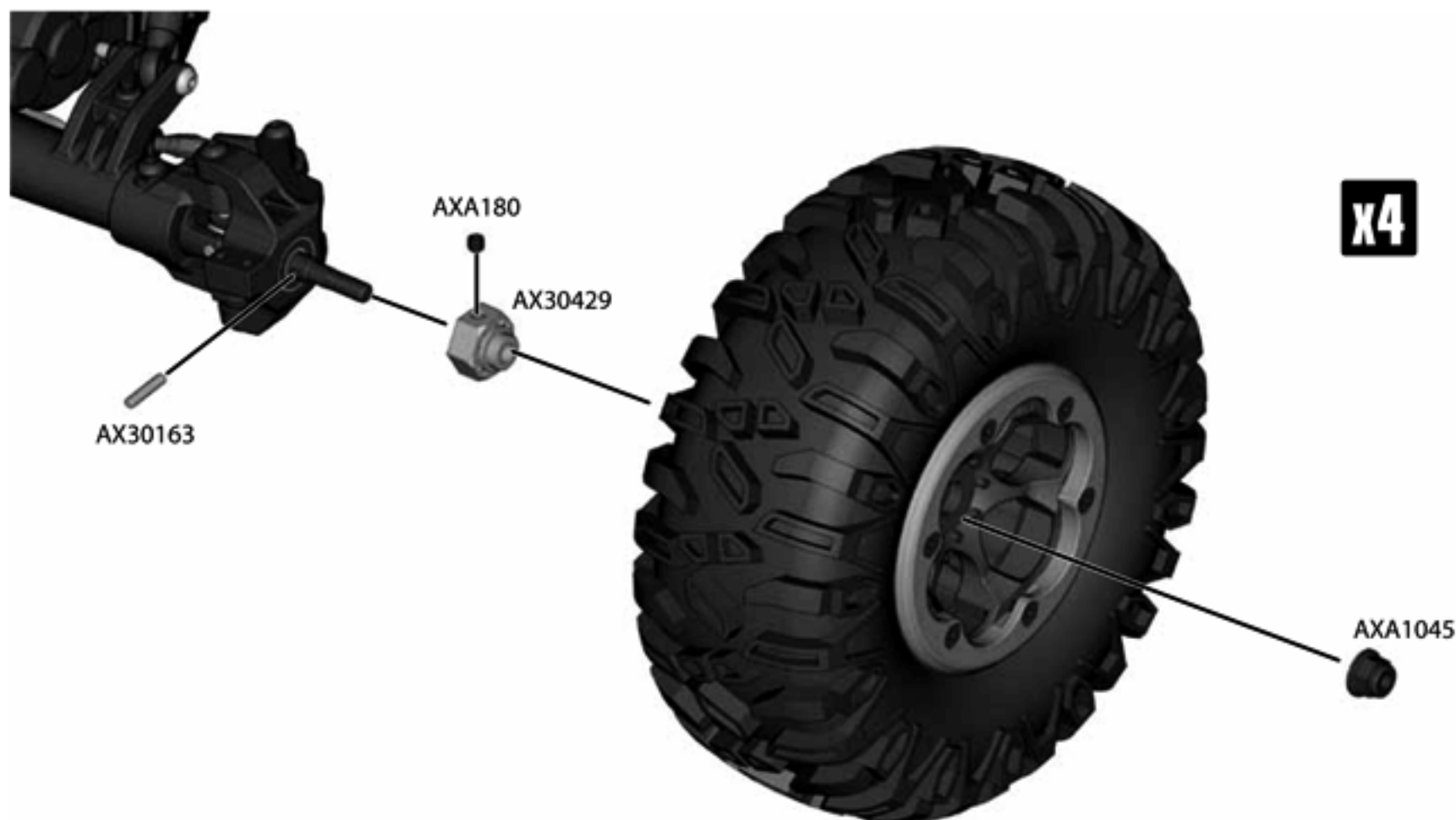
AXA1045
M4 Nylon Lock Nut **x4**

AX30163
Pin 2x10mm **x4**

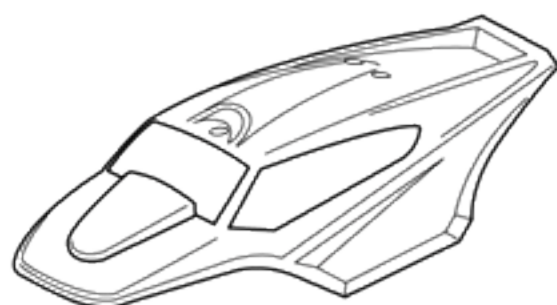


AX30429
12mm Locking Hub **x4**

48

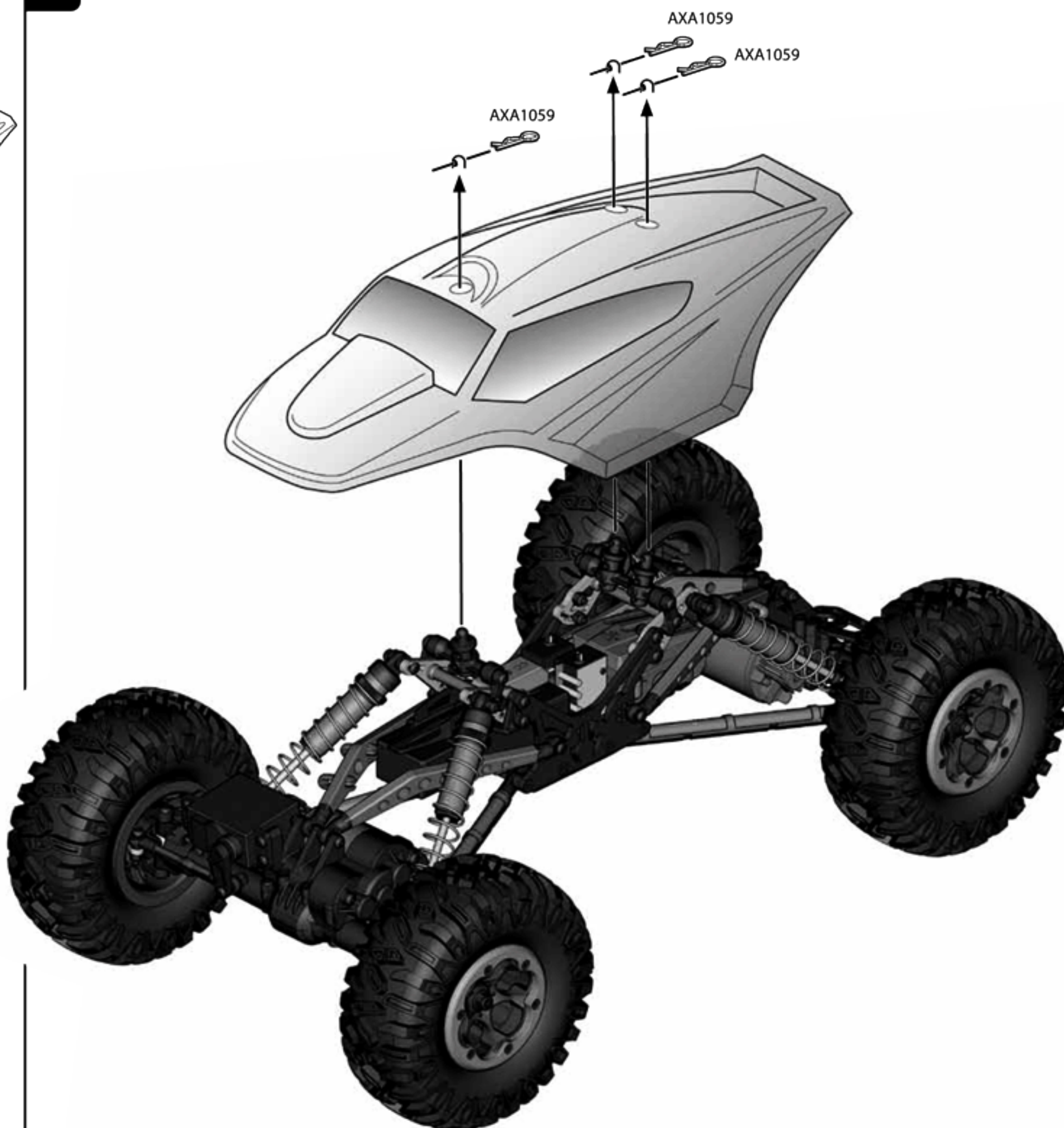


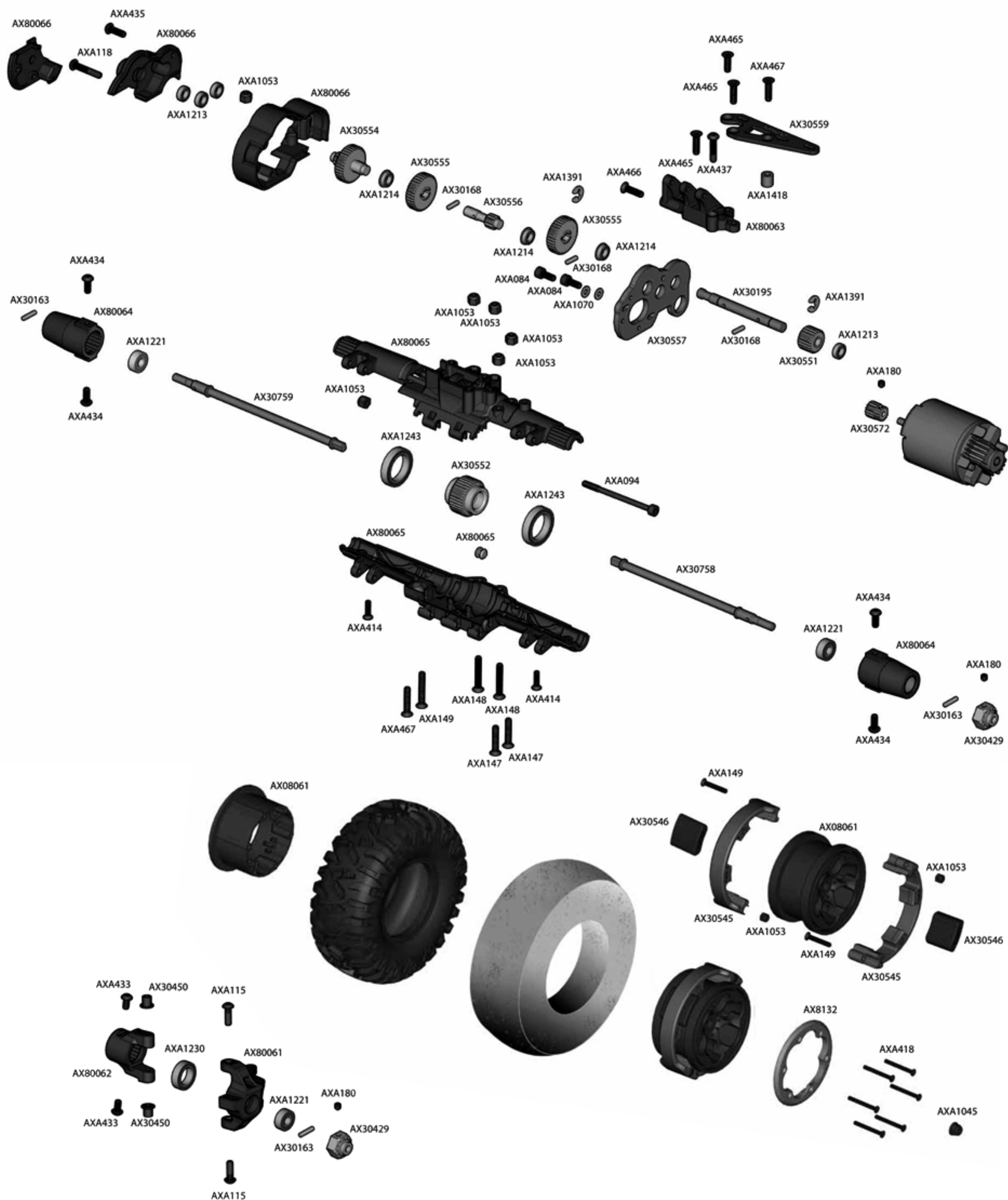
AXA1059
6mm Body Clips **x3**

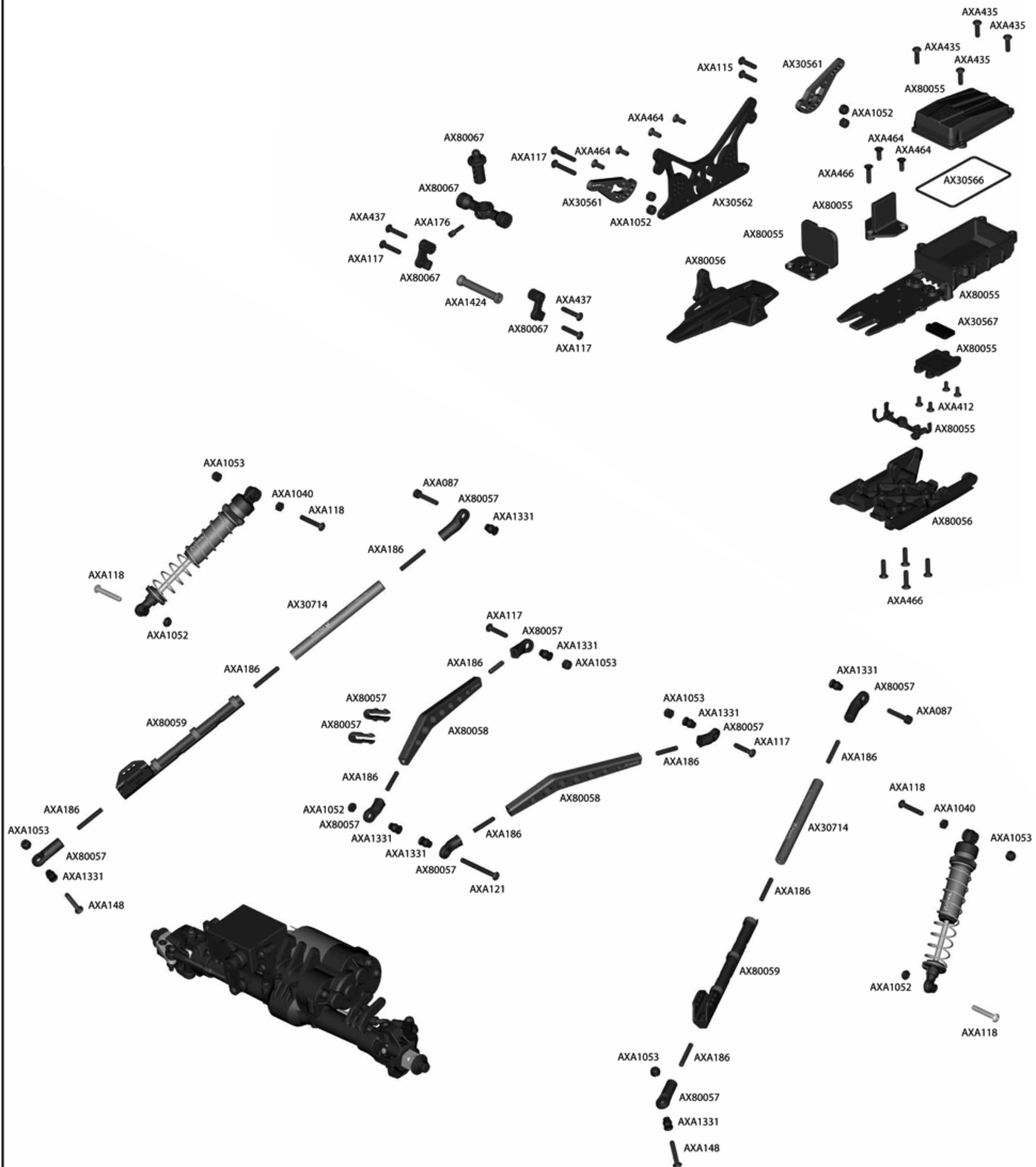


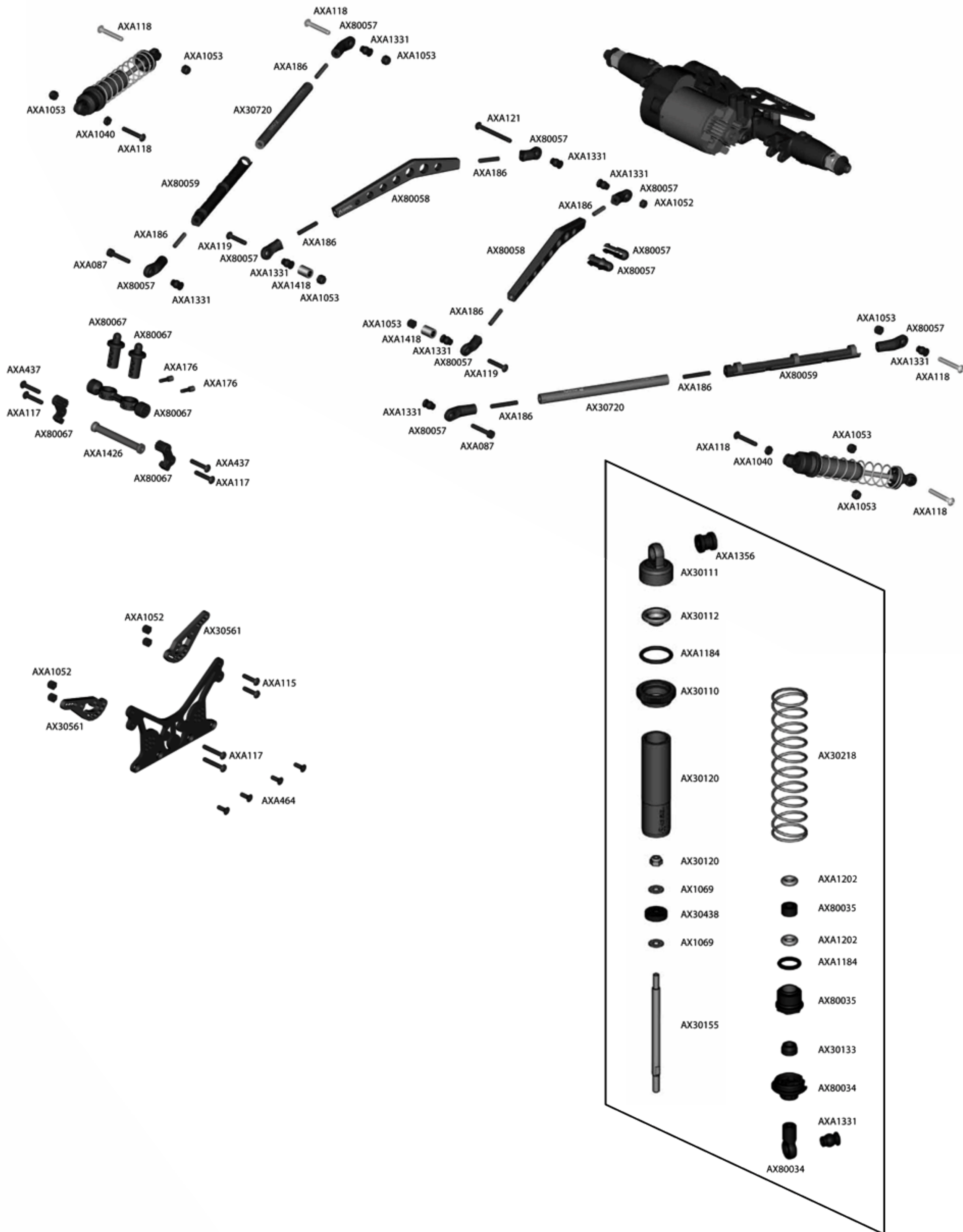
AX04026
Hardline Crawler Body .040" **x1**

49





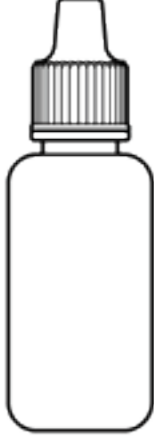




Shock Absorbers / Dämpfer

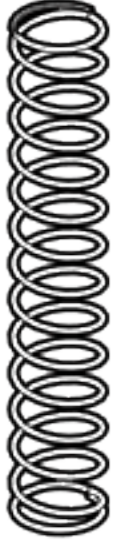
Proper building, maintenance, and tuning of your shocks will enhance the performance of your XR10. Be sure to inspect the shocks regularly for any sign of wear or damage and replace parts as needed. Tune your shocks to enhance the performance of your XR10 using the tips provided below.

Ordnungsgemäßer Zusammenbau, Wartung und Abstimmung der Dämpfer wird die Leistung Ihres XR10 erhöhen. Prüfen Sie unbedingt regelmäßig die Dämpfer auf Verschleiß und ersetzen Sie die nötigen Teile. Stimmen Sie Ihre Dämpfer ab wie untenstehend beschrieben, um die Leistung des Wagens zu erhöhen.



Shock Oil / Dämpferöl

Thinner / Dünner	Thicker / Dicker
Softer damping More traction Quicker weight transfer Weichere Dämpfung Mehr Griff Schnellere gewichtsverlagerung	Stiffer damping Slower chassis weight transfer Reacts slower to input Härtere Dämpfung Langsamere Gewichtsverlagerung Auto reagiert langsamer auf Steuerbefehle



Shock Spring / Dämpferfeder / Ressort d'amortisseur

Softer / Weicher
More Chassis Roll
Mehr rollbewegung des chassis

↕

Less Chassis Roll
Weniger rollbewegung des chassis
Moins de roulis du châssis

Soft

Firm

Gear Ratio / Getriebeübersetzung

Use this equation to calculate the final drive ratio.
Final Drive Gear Ratio=1/((pinion/Spur=36)X0.068)

Mit dieser Gleichung können Sie die Gesamtübersetzung berechnen.
Gesamtübersetzung = 1/((pinion/Spur=36)X0.068)

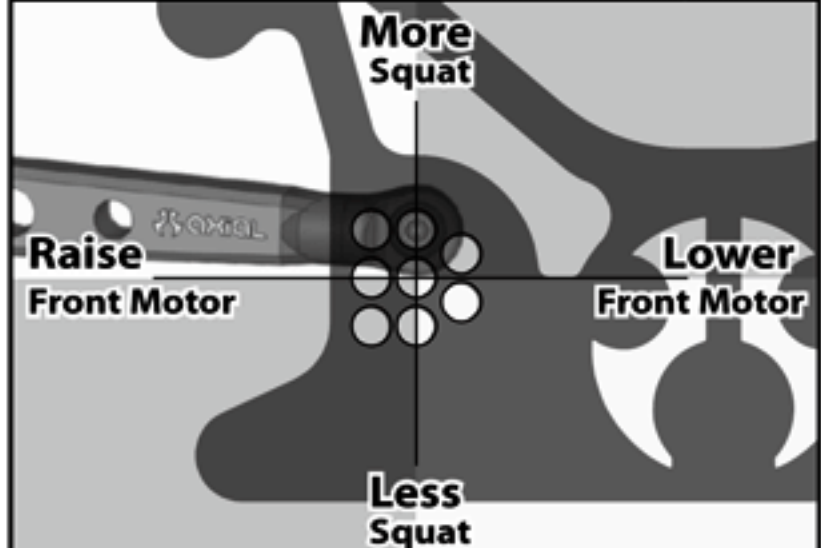
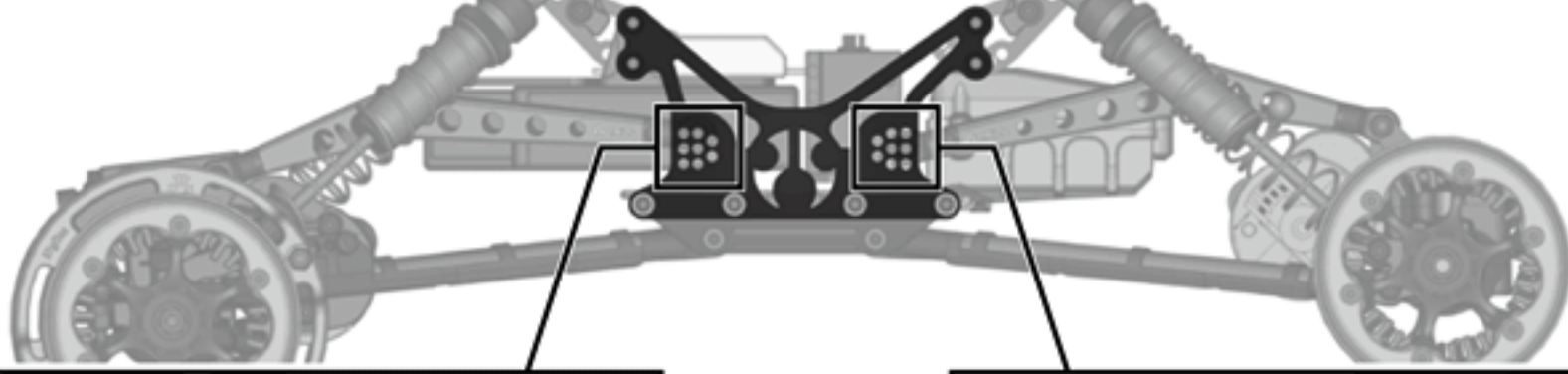
Slower - More Torque
Langsamer - Mehr Kraft

↔

Faster - Less Torque
Schneller - Weniger Kraft

48 Pitch	Pinion							
Spur	12	13	14	15	16	17	18	19
36	44.12	40.72	37.82	35.29	33.09	31.14	29.41	27.86

Chassis Adjustment / Einstellung Chassis

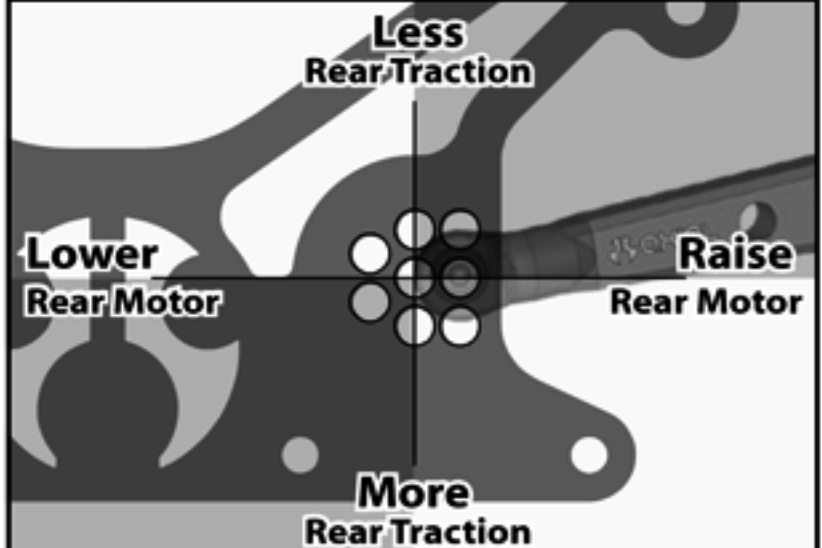
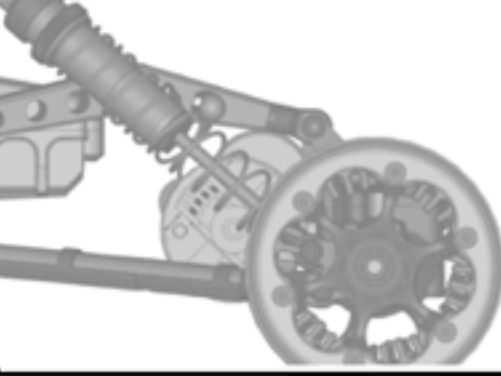
Front Chassis Setup

More Squat

Less Squat

Raise Front Motor

Lower Front Motor

Rear Chassis Setup

Less Rear Traction

More Rear Traction

Lower Rear Motor

Raise Rear Motor

Part #	Description
AX04026	Hardline Crawler Body .040"
AX08061	2.2 VWS Beadlock Wheels (Black) (2pcs) (Fits XR10)
AX08132	2.2 VWS Machined Beadlock Rings (Orange) (2pcs)
AX30031	Antenna
AX30112	Shock Diaphragm 13x4.5mm (6pcs)
AX30113	Rubber Bump Stop 3.6x7x4 (6pcs)
AX30120	Aluminum Shock Body 12x47.5mm (2pcs)
AX30155	Shock Shaft 3x59.5 (2pcs)
AX30163	Pin 2x10mm (6pcs.)
AX30168	Pin 2x8mm
AX30195	5x49mm Gear Shaft
AX30196	5x58mm Gear Shaft
AX30218	Spring 14x70mm 2.07 lbs/in - Super Soft (Red) (2pcs)
AX30429	12mm Locking Hub (Black)
AX30438	10mm Machined Piston - 1.2 (4pcs)
AX30450	Flange Pipe 3x4.5x5.5
AX30545	2.2 Wheel weight - Main ring - 57g/2oz
AX30546	2.2 Wheel weight - Ring 1 - 21g/0.75oz
AX30551	22T-48P Drive Gear
AX30552	36T-48P Final Gear
AX30554	First 36T-48P V2
AX30555	Second 36T-48P V2
AX30556	Second 12T-48P V2
AX30557	Gear Case Plate 3mm
AX30558	XR10 Steering Servo Plate
AX30559	XR10 Rear Axle Plate
AX30560	XR10 Steering Plate
AX30561	XR10 Chassis Shock Mounts
AX30562	XR10 Chassis plate
AX30563	Universal Axle Shafts
AX30568	XR10 Steering Arm
AX30572	Pinion 48DP 14T
AX30714	Threaded Aluminum Pipe 7x73mm - Grey
AX30720	Threaded aluminum Pipe 7x94mm - Grey
AX30758	XR10 Rear Straight Axle Shaft Set
AX80005	Linkage Set
AX80006	Servo Set
AX80033	10mm Shock Set 1
AX80034	10mm Shock Set 2
AX80035	10mm Shock Caps Set
AX80055	XR10 Electronics Tray Set
AX80056	XR10 Chassis Skid Plate and Battery Mount Set
AX80057	XR10 Linkage set
AX80058	Hi-Clearance Links Set
AX80059	Lower Link Slider Set
AX80060	XR10 Front Axle Case
AX80061	Steering Knuckles Plastic Set
AX80062	C Hub Carrier Set
AX80063	XR10 Axle Case Cap Set
AX80064	XR10 Straight Axle Adapter Set
AX80065	XR10 Rear Axle Case
AX80066	XR10 Gearbox
AX80067	Adjustable Body Mounts Set
AXA0084	M3x8mm Cap Head (Black)
AXA087	M3x16mm Cap Head (Black)
AXA0094	M3x45mm Cap Head (Black)
AXA1040	M3 Nylon Hex Nut (Black)
AXA1041	Nylon Locknut 2.5 (10pcs)
AXA1045	M4 Nylon Lock Nut (Black)
AXA1052	M3 Thin Nylon Locking Hex Nut (Black)
AXA1053	M3 Nylon Locking Hex Nut (Black)
AXA1059	6mm Body Clips
AXA1069	Washer 2.7x6.7x0.5 (10pcs)
AXA1070	WASHER 3x6x0.5
AXA1090	Washer 4.8x14
AXA1105	Cone Washer 3x7x2mm

Part #	Description
AXA115	M3x10mm Hex Socket Button Head (Black)
AXA116	M3x12mm Hex Socket Button Head (Black)
AXA117	M3x15mm Hex Socket Button Head (Black)
AXA118	M3x18mm Hex Socket Button Head (Black)
AXA1184	O-Ring 7.5x1.5mm (S8) (10pcs)
AXA119	M3x20mm Hex Socket Button Head (Black)
AXA1202	O-Ring 3.5x2mm (10pcs)
AXA121	M3x30mm Button Head (Black Oxide)
AXA1213	Bearing 5x8x2.5mm
AXA1214	Flanged BB 5x8x2.5mm
AXA1218	Bearing 5x10x4mm
AXA1221	Bearing 5x11x4mm
AXA1230	Bearing 10x15x4mm
AXA1243	Bearing 15x21x4mm
AXA1331	Flanged Ball 3x5.8x7mm
AXA1356	Silicone Shock Bushing 7.5x8mm
AXA1391	4mm e clip
AXA1418	6x6mm Spacer - Grey
AXA1424	7x35mm Post - Grey (2pcs)
AXA1426	7x45mm Post - Grey (2pcs)
AXA144	M3x8mm Hex Socket Flat Head (Black)
AXA0147	M3x16mm Hex Socket Flat Head (Black)
AXA149	M3x20mm Hex Socket Flat Head (Black)
AXA0151	M3x30mm Hex Socket Flat Head (Black)
AXA1633	M3x25 Turnbuckle
AXA1638	M3x50 Turnbuckle
AXA176	Screw Shaft M3x2.5x13mm
AXA180	M3x3mm Set Screw (Black)
AXA186	M3x16mm Set Screw (Black Oxide)
AXA0187	M3x20mm Set Screw (Black Oxide)
AXA0412	M2.6x6mm Hex Socket Tapping Flat Head (Black)
AXA0414	M2.6x10mm Hex Socket Tapping Flat Head (Black)
AXA0418	M2.6x25mm Hex Socket Tapping Flat Head (Black)
AXA433	M3x6mm Hex Socket Tapping Button Head (Black)
AXA434	M3x8mm Hex Socket Tapping Button Head (Black)
AXA435	M3x10mm Hex Socket Tapping Button Head (Black)
AXA0437	M3x15mm Hex Socket Tapping Button Head (Black)
AXA464	M3x8mm Hex Socket Tapping Flat Head (Black)
AXA465	M3x10mm Hex Socket Tapping Flat Head (Black)
AXA466	M3x12mm Hex Socket Tapping Flat Head (Black)
AXA0467	M3x16mm Hex Socket Tapping Flat Head (Black)

Option Parts

AX08062	2.2 VWS Beadlocks Wheels (Satin Chrome) (2pcs) (Fits XR10)
AX08069	2.2 VWS Beadlock Rings (Black) (2pcs)
AX08133	2.2 VWS Machined Beadlock Rings (Grey) (2pcs)
AX30110	13mm Aluminum Preload Collar (2pcs)
AX30111	Aluminum Shock Cap (2pcs)
AX30218	Spring 14x70mm 2.07 lbs/in - Super Soft (Red) (2pcs)
AX30219	Spring 14x70mm 2.47 lbs/in - Soft (White) (2pcs)
AX30220	Spring 14x70mm 2.85 lbs/in - Medium (Green) (2pcs)
AX30221	Spring 14x70mm 3.27 lbs/in - Firm (Yellow) (2pcs)
AX30222	Spring 14x70mm 3.55 lbs/in- Super Firm (Blue) (2pcs)
AX30750	XR10 Carbon Fiber Chassis Set (2pcs)
AX30752	XR10 Carbon Fiber Shock Mounts (2pcs)
AX30753	XR10 Carbon Fiber F/R Servo Mounts and Steering Arm Set
AX30757	2.2 VWS Carbon Fiber Wheel Weight Lock (2pcs)
AX30760	XR10 Aluminum Steering Knuckle (Black) (2pcs)
AX30762	XR10 Aluminum C-Hub Carrier (Black) (2pcs)
AX30763	XR10 Straight Axle Adapters (Black) (2pcs)
AX30767	Machined 22T-48P Final Drive Gear
AX30768	Machined Lightweight 36T-48P Final Gear
AX30769	Machined 12T-48P Gear 1
AX30770	Machined Lightweight 36T-48P Idler Gear
AX30771	Machined 12T-48P Gear 2
AX30772	Carbon Fiber XR10 Electronics Plate
AX30774	Carbon Fiber XR10 Battery Plate



AX30110
13mm Aluminum Preload Collar (2pcs)



AX30111
Aluminum Shock Cap (2pcs)



AX30571
Steel Pinion 48DP 13T
AX30569
Steel Pinion 48DP 14T
AX30573
Steel Pinion 48DP 15T



AX30767
Machined 22T-48P Drive Gear



Spring
AXA30218 Spring 14x70mm 2.07 lbs/in - Super Soft (Red) (2pcs)
AXA30219 Spring 14x70mm 2.47 lbs/in - Soft (White) (2pcs)
AXA30220 Spring 14x70mm 2.85 lbs/in - Medium (Green) (2pcs)
AXA30221 Spring 14x70mm 3.27 lbs/in - Firm (Yellow) (2pcs)
AXA30222 Spring 14x70mm 3.55 lbs/in- Super Firm (Blue) (2pcs)



AX30768
Machined Lightweight 36T-48P Final Gear



AX30769
Machined 12T-48P Gear 1



AX30760
XR10 Aluminum Steering Knuckle (Black) (2pcs)



AX30762
XR10 Aluminum C-Hub Carrier (Black) (2pcs)



AX30770
Machined Lightweight 36T-48P Idler Gear



AX30771
Machined 12T-48P Gear 2



AX30763
XR10 Straight Axle Adapters (Black) (2pcs)



AX30757
2.2 VWS Carbon Fiber Wheel Weight Lock (2pcs)



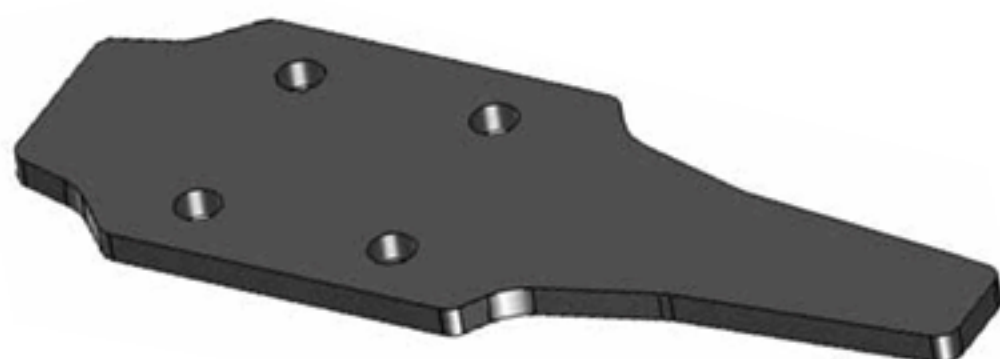
AX30750
XR10 Carbon Fiber Chassis Set (2pcs)



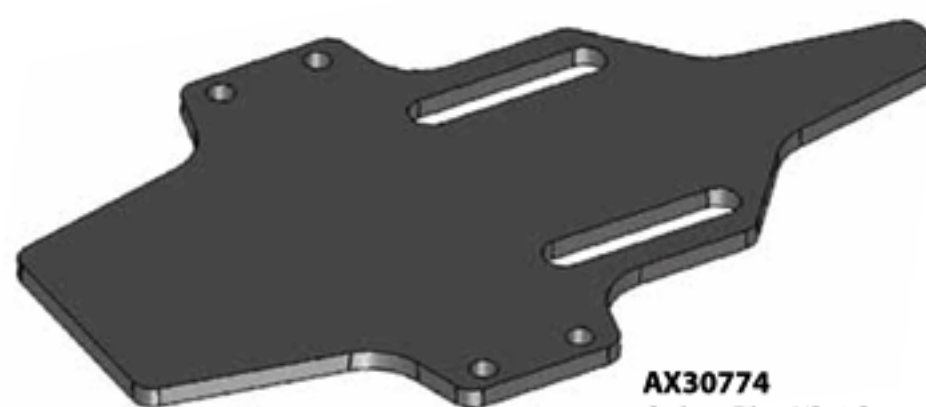
AX30752
XR10 Carbon Fiber Shock Mounts (2pcs)



AX30753
XR10 Carbon Fiber F/R Servo Mounts and Steering Arm Set



AX30772
Carbon Fiber XR10 Electronics Plate



AX30774
Carbon Fiber XR10 Battery Plate

Warranty Info

Axial Limited Warranty (USA)

Your Axial product is warranted to be free of defects in materials and workmanship when new. This warranty does not cover damages due to normal wear and tear, user's failure to perform routine maintenance, user error of assembly or installation, user modifications, addition of aftermarket parts or option parts. This warranty lasts as long as the original purchaser owns the product, and is not transferable (Verified by dated itemized sales receipt). In the event of a defect under this warranty, Axial will, at our discretion, repair or replace the product, provided our inspection indicates that an original defect exists. Axial reserves the right to replace any product which is no longer available with a product of comparable value and function. If Axial determines the repair is not covered under warranty guidelines, there could be a charge applied for the repair and return shipping charges.

International Customers Warranty

Please return product to the dealer where the purchase was made. If your Axial product purchase was made through an on-line retailer, any warranty issues must be taken care of by that retailer. Axial assumes no responsibility for Axial products sold internationally by on-line retailers.

Service

If you need service on your Axial product here are some simple steps to follow when sending in product in for Warranty/ Repair.

STEP 1:

Contact Axial Customer Service at 949-600-8642 Ext: 206 to receive a Return Merchandise Number (RMA#). **Note:** Axial requires the RMA# to be placed on the return merchandise box when shipped to Axial.

STEP 2:

Please write a short note explaining the issue you experienced with the product.

STEP 3:

Include your return address with a daytime phone number and /or e-mail address.

STEP 4:

Please include a Money Order in the amount \$10.00 made payable to Axial for return shipping costs although If product is found to be under Axial Warranty coverage, the \$10.00 will be refunded to you.

PLEASE NOTE: Tuning issues are not covered under the Axial Warranty and shipping fee's do apply.

Please allow 5-10 working days for product to be returned. Axial ships using United Postal Service Priority mail or UPS Ground. Any expedited shipping must be arranged and prepaid by customer. Axial will not be responsible for lost or damaged packages.

Notes

**THE
HANDLE
EVOLVED**

**DESIGNED
TO FIT YOUR
HANDS**

TOOLS FOR
THE PEOPLE

AVAILABLE IN EITHER
STANDARD OR METRIC

**OTHER TOOL
HANDLES
SEEM TO HAVE BEEN
DESIGNED FOR KIDS**

GENUINE AXIAL TOOLS AND ACCESSORIES

Axial sockets and drivers feature ergonomically designed handles to contour to your hands, and thumb indents allow you to apply the precise amount of torque. These features also reduce fatigue where as other designs offer non-conforming handles that don't fit comfortably in your hand, so liberate yourself from the awkward tools designed for kids and evolve to Axial tools.

TEMP GUN
AX20000

TOOL TOTE
AXB026

FLYWHEEL REMOVER
AX20006

17/23MM WRENCH
AX20004

DRIVER/SOCKET
• METRIC
• STANDARD

**FLYWHEEL
WRENCH**
AX20001

www.axialracing.com

 **axial**®



Axial



T-SHIRTS, HATS, BEANIES, AND MORE....

MODEL "EXPENSIVE COOKIE" (ALTERED "CREST" SHIRT NOT AVAILABLE) SIZES FROM SML TO XXL

Visit www.axialracing.com
for sizes and more info



8 Goodyear
Suite 125
Irvine, CA 92618

AX90017-1002